

Lancaster Farming

VOL. 29 No. 8

Four Sections

Lancaster Farming, Saturday, December 24, 1983

\$7.50 per Year



May your Christmas of today
combine the hopes of tomorrow
with the values of yesterday



Livestock market and auction news

Lancaster Market

Monday, Dec. 19

Report Supplied By USDA

Cattle Calves Hogs Sheep

Today	1098	119	935	1264
Last Monday	1124	121	1179	362
Last Year	778	132	760	615
Monday's Auction	1186	148	755	1419
Last Monday's Auction	1175	128	1143	461

CATTLE: Compared to last Monday slaughter steers steady, instances 1.00 higher, although high Choice and Prime not fully tested; heifers fully steady, instances 1.00 higher; Breaking Utility and Commercial cows fully 1.00 instances 2.00 higher; Canner to Boning Utility firm to 1.00 higher; bullocks 1.00-2.00 higher; bulls firm to 1.00 higher. Supply included 53% slaughter steers 9% slaughter heifers, 28% cows, and 10% bulls.

SLAUGHTER STEERS: Couple head high Choice and Prime 3-4 1200-1425 lb. 67.25-68.00; Choice 2-4 1050-1375 lb. 64.50-67.25; high Good and low Choice 2-3 1050-1325 lb. 62.50-64.50; Good 2-3 58.00-62.50; Good and Choice 1200-1350 lb. Holsteins 52.00-54.75, few Choice 55.25-57.00, Standard 1-2 1100-1250 lb. 47.00-51.00.

SLAUGHTER HEIFERS: Choice 2-3 900-1125 lb. 59.25-63.00, few mainly Choice 2 63.25-64.00; Good 2-3 875-1150 lb. 53.00-59.00; several Good 950-1200 lb. heiferettes 40.00-45.25.

COWS: Breaking Utility and Commercial 2-4 37.75-40.00, few 40.50-42.50, couple 42.50-43.50; Cutter and Boning Utility 31.50-33.50, few 37.50-38.50; Canner and low Cutter 32.00-34.50.

BULLOCKS: Choice 1050-1300 lb. 58.00-62.00, few 62.25-63.00; Good 975-1250 lb. 56.50-59.00.

BULLS: Yield grade 1 1300-2000 lb. 50.25-53.25, couple 53.50-54.25,

individual 1350 lb. 59.00; yield grade 2 1000-1400 lb. 46.25-50.00.

VEAL CALVES: Vealers mostly steady; slaughter calves fully steady. Supply included one lot Prime special fed 320 lb. bought to arrive at 123.00. Demand good for Holstein bulls to return to farm.

VEALERS: Choice 160-300 lb. 90.00-105.00; few Choice and Prime 180-300 lb. 105.00-115.00; high Good and low Choice 160-300 lb. 75.00-90.00, 120-155 lb. 55.00-75.00, 80-115 lb. 35.00-50.00, few 60-80 lb. 30.00-40.00.

SLAUGHTER CALVES: Good and Choice 250-550 lb. 50.00-60.00.

RETURNED TO FARM: Bulk 100-120 lb. Holstein bulls 70.00-90.00; few 90.00-100.00; few 80-95 lb.

SHEEP: Woolled lambs mostly steady; slaughter ewes firm to 5.00 higher. Supply included around 300 head 25-50 lb. new crop lambs, sold to the holiday trade; supply included around 200 goats, sold by the head.

WOOLED LAMBS: Choice and Prime 90-110 lb. 60.00-68.00, couple lots new crop 69.00-72.00; Choice 80-110 lb. 50.00-60.00; Good 45-70 lb. 42.00-52.00. Choice 25-40 lb. new crop lambs 140.00-155.00 few 155.00-160.00, few 40-55 lb. 115.00-140.00; Good 25-50 lb. 60.00-100.00, few 100.00-110.00.

SLAUGHTER EWES: Utility and Good 18.00-28.00.

GOATS: All goats sold by the head; large mature goats 50.00-60.00, few to 65.00; bulk of the medium goats 30.00-50.00; kid goats 20.00-40.00.

Vintage Auction

Tuesday, Dec. 20

Report supplied by USDA

Cattle Calves Sheep Goats

Today	1002	908	40	3
Last Tuesday	1121	809	20	1
Last Year	762	806	14	8

CATTLE: Compared to last Tuesday a small supply high Choice and Prime slaughter steers firm to 50 higher, other grades 1.00-2.00 higher; slaughter heifers not fully tested; cows fully steady, instances 1.00 higher on Breaking Utility and Commercial; bulls mostly steady. Supply included 402 slaughter steers and 532 cows.

SLAUGHTER STEERS: Few high Choice and Prime 3-4 1225-1400 lb. 67.50-69.25; Good and Choice 1-2 1150-1450 lb. 68.00-69.75, four head 70.00-70.60; Choice 2-4 1075-1475 lb. 67.00-68.50, few 68.00-67.00; high Good and low Choice 2-3 1050-1375 lb. 63.75-67.00; Good 2-3 61.50-65.00; Standard and Good 1075-1350 lb. Holsteins 47.00-51.00.

SLAUGHTER HEIFERS: Good 875-1100 lb. 55.00-58.00; couple Choice 2-3 925-1150 lb. 59.25-61.35.

COWS: Breaking Utility and Commercial 2-4 39.00-41.00, few 41.50-44.50; Cutter and Boning Utility 33.75-40.50, mainly 35.00-39.00; Canner and low Cutter 31.50-35.00, few 28.00-31.00.

BULLS: Yield grade 1 1500-2160 lb. 53.50-55.50; yield grade 2 1000-1500 lb. 43.50-48.50; couple Choice 1100-1250 lb. bullocks 60.00-60.75.

VEAL CALVES: Vealers mostly steady, instances 3.00 lower on high Good and low Choice. Supply included 614 in graded sale of which 81 percent sold to return to farm.

VEALERS: Few Choice 180-295 lb. 90.00-98.00; high Good and low Choice 160-250 lb. 60.00-82.00, 120-160 lb. 50.00-65.00, 80-110 lb. 40.00-50.00, 60-80 lb. 36.00-40.00.

RETURNED TO FARM: 85 head 80-115 lb. Holstein heifers 46.00-51.50. 25 head 120-125 lb. Holstein bulls 88.00-89.00; 220 head 100-115 lb. 98.00-101.50; 55 head 90-95 lb. 82.50-89.00; 35 head small frame 100-115 lb. 80.00-86.00, 110 head 90-105 lb. 48.00-49.00.

SHEEP: Woolled lambs firm to 5.00 higher; slaughter ewes 2.00-5.00 higher.

WOOLED LAMBS: Few Choice 50-70 lb. 63.00-73.00; Good 50-110 lb.

40.00-51.00.

SLAUGHTER EWES: Utility and Good 16.00-26.00.

GOATS: All goats sold by the head 34.00-36.00.

Lancaster Auction

Wednesday, Dec. 21

Report supplied by USDA

Cattle Calves Hogs Sheep

Today	320	34	981	37
Last Wednesday	548	20	793	24
Last Year	91	22	535	10
Wednesday's Auction	173	36	1060	21
Last Wednesday's Auction	287	21	674	0

CATTLE: Insufficient volume to fully test trends, all represented classes generally steady. Supply included 56 percent cows.

SLAUGHTER STEERS: Few head Choice 2-3 1160-1370 lb. 65.75-68.75; high Good and low Choice 2-3 1000-1280 lb. 61.00-64.75; few Good 2-3 870-1000 lb. 59.25-62.25; few Standard and Good 1000-1265 lb. Holsteins 47.50-51.00.

SLAUGHTER HEIFERS: Couple Choice 2-3 920-1110 lb. 59.75-62.00; few Good 900-1200 lb. heiferettes 40.00-44.00.

COWS: Breaking Utility and Commercial 2-4 38.25-40.25; Cutter and Boning Utility 34.75-38.50, few 39.25-41.00; Canner and low Cutter 32.00-34.75.

BULLOCKS: Couple Choice 1080-1110 lb. 60.50-61.25; couple Good 965-1200 lb. 52.00-58.50.

BULLS: Couple yield grade 1 1480-1755 lb. 50.50-52.75; yield grade 2 915-1600 lb. 44.25-48.25.

VEAL CALVES: Available supply mainly high Good and low Choice 80-115 lb. selling from 35.00-50.00.

SHEEP: Trend not fully comparable; few good 45-70 lb. woolled lambs 40.00-45.00; few Utility slaughter ewes 18.00-22.00.

New Holland Livestock

Thursday, December 22

CATTLE: 539. The small supply of slaughter steers, slaughter heifers and bulls insufficient to test trends; slaughter cows weak to 1.00 lower, with small supply Breaking Utility and Commercial 2.00-3.00 lower. Supply included 65 percent cows.

SLAUGHTER STEERS: Few head Choice 2-4 1075-1400 lb. 66.00-67.75, couple yield grade 2 67.75-68.25; high Good and low Choice 2-3 1000-1450 lb. 63.50-66.75; Good 2-3 56.75-63.75.

SLAUGHTER HEIFERS: Few Good and Choice 860-1185 lb. 55.00-60.00.

COWS: Few Breaking Utility and Commercial 2-4 36.00-41.00;

Cutter and Boning Utility 33.75-38.50, few 38.50-40.25; Canner and low Cutter 30.00-34.50.

BULLOCKS: Couple Choice 1050-1300 lb. 61.50-61.75; few Good 1000-1275 lb. 52.75-55.75, couple 59.75-60.25.

BULLS: Six yield grade 1 1450-1775 lb. 49.50-53.75, couple yield grade 2 48.00-50.25.

VEAL CALVES: 467. Vealers fully steady. Demand good for Holstein bulls to return to farm.

VEALERS: High Choice and Prime 210-315 lb. 111.00-120.00; Choice 160-300 lb. 94.00-110.00; high Good and low Choice 120-250 lb. 70.00-90.00; 80-110 lb. 35.00-47.00, few 60-80 lb. 30.00-37.00.

RETURNED TO FARM: Bulk 95-130 lb. Holstein bulls 95.00-105.00, few 105.00-108.00, few small frame 90-110 lb. 56.00-85.00.

SHEEP: 16. Insufficient volume to test trends, few Choice 35-45 lb. woolled lambs 77.00-89.00.

GOATS 3. The goats sold by the head from 30.00-53.00.

Lancaster County Weekly

Friday, December 23

CATTLE CALVES

THIS WEEK	3200	1530
LAST WEEK	4728	1631
LAST YEAR	2046	1312

CATTLE: Slaughter steers 1.00-2.00 higher, although trend not tested after Tuesday; slaughter heifers fully steady, instances 1.00 higher; cows weak to 1.00 lower; bullocks 1.00-2.00 higher; bulls firm to 1.00 higher. Supply included 36% slaughter steers, 6% slaughter heifers, 41% cows, 6% bulls, with the balance feeders.

SLAUGHTER STEERS: Few high Choice and Prime 3-4 1200-1425 lb. 67.25-69.25; Good and Choice 1-2 1150-1450 lb. 68.00-69.75, four head 70.00-70.60; Choice 2-4 1050-1475 lb. 65.00-68.00, few 68.00-68.50; high Good and low Choice 2-3 1050-1375 lb. 62.50-67.00; Good 2-3 58.00-65.00; Good and Choice 1200-1550 lb. Holsteins 51.00-54.75, few Choice 55.25-57.00, Standard and Good 1075-1350 lb. 47.00-51.00.

SLAUGHTER HEIFERS: Choice 2-3 900-1125 lb. 59.25-63.00, few mainly Choice 2 63.25-64.00; Good 2-3 875-1150 lb. 53.00-59.00; several Good 950-1200 lb. heiferettes 40.00-45.25.

COWS: Breaking Utility and Commercial 2-4 37.00-41.00, few early part of week 41.00-44.50, Cutter and Boning Utility 1-3 33.75-38.50, few 39.50-40.50; Canner and low Cutter 31.50-35.00, few 28.00-31.00.

BULLOCKS: Choice 1050-1300 lb. 58.00-62.00, few 62.25-63.00; Good 975-1250 lb. 52.75-59.00, couple 59.50-60.25.

BULLS: Yield grade 1 1300-2000 lb. 49.50-53.25, few 53.25-55.50; yield grade 2 1000-1500 lb. 45.00-50.00, few

(Turn to Page A3)

Open 24 hours a day

365 days a year

(717) 394-2611

AUCTIONS

MONDAY

9:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows

11:00 A.M.— Veal Calves, Lambs, Hogs

TUESDAY

10:00 A.M.— Slaughter Hogs

1:00 P.M.— Feeder Pigs

WEDNESDAY

10:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows

11:00 A.M.— Veal Calves, Lambs, Hogs

FRIDAY

11:00 A.M.— Stocker and Feeder Cattle

SATURDAY

9:30 A.M.— Slaughter Hogs

GRADED FEEDER CATTLE SALE

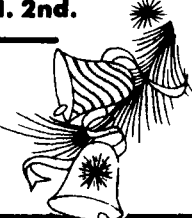
FRIDAY, DEC. 30, 1983

HOLIDAY SCHEDULE

No Slaughter Hog Auction On Sat., Dec. 24 or Sat., Dec. 31

BUSINESS AS USUAL MON., DEC. 26th AND MON., JAN. 2nd.

WE WISH YOU ALL
HAPPY HOLIDAYS
AND BEST WISHES
FOR THE NEW YEAR



LANCASTER STOCKYARDS, INC.

1147 Litzitz Pike Lancaster, Pennsylvania 17601
Serving The Community For 87 Years

HAY, STRAW & CORN

— SALE —

Every Friday at 12 Noon



GREEN DRAGON MARKET & AUCTION

RD No. 4 Ephrata, Pa. 717-738-1117

1 mile North of Ephrata on N. State St.

Out of State Buyers - Cash or Certified Check Only



VINTAGE SALES STABLES, INC.

Sale Every Tuesday

11 A.M.

Slaughter Cattle Auction -
Steers, Bulls, Heifers, Cows,
Feeder Cattle.

Get calves in early. We start to grade and weigh at 2:00.

Sale Every Saturday

9 A.M.

Hog Sale

Butler Foods, Inc.

Receiving station for hogs every Mon.,
Wed., Thurs. & Fri. from 7 A.M. - 12 Noon

717-442-4742

Business Phone

717-768-8204

Home Phone

215-458-8518

L. Robert Frame, Manager

Box 100 Paradise, PA

10 miles East of Lancaster on Rt. 30

CHRISTMAS

At this time of year when our minds are especially occupied with the thoughts of gifts, may we take time to realize that we have the greatest gift of all to share with the world, the message of Life, Peace and Joy, available to all through our Lord Jesus Christ.

B&R CATTLE CO.

John Bowman Ron Ranck

RD 1, Marietta, PA

Office Phone: (717) 653-8164

LEBANON VALLEY LIVESTOCK MARKET, INC.

1 mile East of
Fredericksburg
along Route 22

PHONE:

JONESTOWN

865-2881

Sale every Tuesday
at 1 30 P.M. starting
with feeder cattle
and pigs

Also Hay Sale
every Tuesday at
12:30

HOG MARKETS

Lancaster Hogs

Lancaster Stockyards
Monday, December 19
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts 3.00-5.00 higher; sows 5.00-8.00 higher.

BARROWS AND GILTS: US 1-2 200-250 lb. 52.50-53.00, few 53.00-53.75. US 1 210-250 lb. 53.75-55.00, few 55.25-55.75. US 1-3 220-270 lb. 51.50-52.50.

SOWS: US 1-3 300-650 lb. 38.00-42.00, few 42.00-45.00.

Tuesday, December 20

Today 277
Last Tuesday 110
Last Year 371

TREND: Compared to Monday barrows and gilts 1.00-2.00 lower.

BARROWS AND GILTS: US 1-2 200-250 lbs. 50.75-52.00. US 1 210-250 lb. 53.00-54.00. US 1-3 230-270 lb. 49.50-50.75.

Wednesday, December 21

HOGS: Compared to Tuesday barrows and gilts mostly steady.

BARROWS AND GILTS: US 1-2 210-250 lb. 51.00-51.85; 195-210 lb. 50.00-51.00. US 1 210-250 lb. 53.00-54.50. US 1-3 230-270 lb. 49.50-51.00.

Lancaster Feeder Pigs

Tuesday, December 20
Report supplied by USDA

Today 865
Last Tuesday 768
Last Year 880

TREND: Compared to last Tuesday feeder pigs weak to 5.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 23 head 23-33 lbs. 84.00-91.00; 210 head 40-49 lbs. 67.00-75.00; 160 head 50-59 lbs. 57.00-68.50; 117 head 60-79 lbs. 49.00-58.00; 20 head 84-88 lbs. 46.00-55.00.

US 2: 47 head 30-39 lbs. 71.50-77.00; 37 head 40-49 lbs. 60.00-64.00; 30 head 50-59 lbs. 48.00-56.00; 21 head 70-75 lbs. 44.00-47.00.

US 2-3: 21 head 32-38 lbs. 60.00-71.00; 13 head 42-43 lbs. 62.00-64.00; 49 head 50-59 lbs. 47.00-57.00; 10 head 67 lbs. 45.00.

New Holland Hogs

Monday, December 19
Report supplied by USDA

Today 1873
Last Monday 1676
Last Year 1822

TREND: Compared to last Monday barrows and gilts mostly 1.00-2.00 higher.

BARROWS AND GILTS: US 1-2 200-255 lb. 50.50-51.50, few late 51.50-52.00, few early 49.00-50.50. US 1 205-250 lb. 51.75-53.25. US 1-3 220-260 lb. 48.50-50.50.

Vintage Hogs

Vintage Sales Stables
Saturday, December 17
Report supplied by auction

341 head.
US 1 & 2 195-235 lbs. 49.50-50.35; 2 & 3 200-235 lb. 48.25-49.75; Light-weight 185-198 lbs. 45.75-47.00; Heavyweight 251-265 lbs. 49.25-50.00; Sows 350-580 lbs. 33.50-38.00.

Indianapolis Hogs

Thursday, December 22
Report supplied by USDA

BARROWS & GILTS: 800. (Early indications receipts will fall few hundred short) Active, 1.00-1.25 higher in forced market on light supply. US 1-2 220-250 lb. 51.50-52.25. US 1-3 couple lots near 270 lb. 50.50-51.00.

SOWS: Active, steady-2.00 higher, advance on weights over 500 lb. (5%) US 1-3 few around 450 lb. 42.00, few 530-630 lb. 52.00.

BOARS: Few under 250 lb. 42.00; few over 300 lb. 30.00.

Peoria Hogs

Thursday, December 22
Report supplied by USDA

BARROWS & GILTS: 2100. Active, mostly 1.00 higher. US 1-2 220-240 lb. 51.50-52.00; 200-220 lb. 50.50-51.50. US 1-3 220-260 lb. 49.50-50.50, few 260-280 lb. 47.50-49.50.

SOWS: 1.50-to mostly 2.00 higher. (18%) US 1-3 300-350 lb. 42.50-43.00; 350-500 lb. 41.50-42.00; 500-650 lb. 50.00-52.00.

BOARS: Over 350 lb. 35.50; 250-350 lb. 32.00-33.00; under 250 lb. 46.00-47.00.

St. Louis Hogs

Thursday, December 22
Report supplied by USDA

BARROWS & GILTS: 2500. Active, 1.50 higher, supply mostly under 260 lb. US 1-2 210-250 lb. 52.00-52.50. US 1-3 200-260 lb. 51.00-52.00.

SOWS: Under 500 lb. 1.00 higher; over 500 lb. mostly 2.00 lower (About 10%) US 1-3 300-500 lb. 41.00, over 500 lb. 48.00-50.00.

BOARS: Over-250 lb. 35.00; under 250 lb. 46.00.

FOR THE WEEK: B & G 3.25 higher; sows under 500 lb. 4.00 higher, over 500 lb. 8.00 higher.

New Holland Feeder Pigs

Wednesday, December 21
Report supplied by USDA

Today 582
Last Wednesday 994
Last Year 416

TREND: Compared to last Wednesday feeder pigs under 40 lb. 10.00-15.00 lower, 40-80 lb. weak to 5.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 25 head 23 lb. 79.00; 90 head 30-39 lb. 70.00-75.00; 153 head 40-49 lb. 65.00-74.00; 50 head 50-59 lb. 58.00-66.00; 23 head 64 lb. 54.00.

US 2-3 43 head 30-39 lb. 54.00-59.00; 15 head 39 lb. 45.00; 79 head 40-55 lb. 46.00-59.00; 20 head 70-99 lb. 52.00-53.00.

Lancaster County Weekly

(Continued from Page A2)

43.50-45.00.

VEAL CALVES: Vealers fully steady. Demand good for Holstein bulls to return to farm.

VEALERS: High Choice and Prime 210-315 lb. 111.00-120.00; Choice 160-300 lb. 90.00-110.00; high Good and low Choice 160-250 lb. 70.00-90.00, 120-160 lb. 50.00-65.00, 80-110 lb. 35.00-50.00, 60-80 lb. 30.00-40.00.

SLAUGHTER CALVES: Good and Choice 250-550 lb. 50.00-60.00.

RETURNED TO FARM: Few 80-120 lb. Holstein heifers 46.00-53.00. Bulk 95-130 lb. Holstein bulls 88.00-105.00, few 105.00-108.00; 90-95 lb. 75.00-90.00; few small frame 100-115 lb. 80.00-86.00 with bulk 85-105 lb. small frame 48.00-60.00.

U.S. Inspected Livestock Slaughter

Estimated Livestock Slaughter Under Federal Inspection
First Four Days

CATTLE	CALVES	HOGS	SHEEP
Week to Date (Est.)			
521,000	48,000	1,210,000	100,000
Same Period Last Week (Est.)			
549,000	49,000	1,380,000	103,000
Same Period Last Year (Act.)			
501,000	44,000	1,187,000	98,000

Chicago Grain Futures

(Closing Bids as of Thursday, December 29)

Mo.	Corn	Wheat	Soybeans	Soybean Meal
Jan.			7.96	220.70
Mar.	3.40 3/4	3.58 1/2	8.12 1/2	222.20
May	3.41 1/2	3.55 1/2	8.21 3/4	221.50
July	3.40 3/4	3.41 1/2	8.24 3/4	220.70
Aug.			8.09	215.50
Sept.	3.12 1/4	3.48 1/2	7.50 1/2	206.50
Oct.				190.00
Nov.			6.98 3/4	
Dec.	2.93	3.61		190.00

Trends - All grains are lower.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

Futures Trading

(Closing Bids as of Thursday, December 29)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
Feb.	66.92	49.92	
Mar.			5.54
Apr.	66.77	47.82	6.24
May			6.81
June	66.65	52.77	
July		54.02	
Aug.	64.85	53.90	
Oct.	62.70	51.20	
Nov.			3.90
Dec.		52.52	

Trends - Cattle, hogs and potatoes are stronger.

Market Provided
by Commodity Department
Dean Witter Reynolds, Inc.

ATTENTION HOG PRODUCERS

Now you have a choice of marketing your fat hogs on any one of 4 days a week through Walter M. Dunlap and Sons.

The starting times for each day are as follows: Monday at 1 P.M., Tuesday at 10 A.M., Wednesday at noon and Saturday at 10 A.M.

Consign your fat hogs to Walter M. Dunlap and Sons where they will be handled by experienced and capable personnel. All hogs weighed upon arrival.

For market information contact Ken Smoker or Ollie Nagle at 717-397-5136.

FEEDER PIG SALE

Every Tuesday - Starting at 1 P.M.

HOLIDAY SCHEDULE

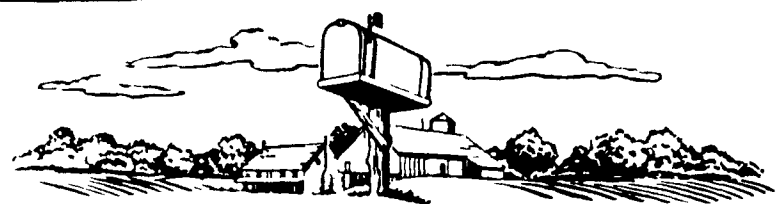
NO HOG MARKET SATURDAY
BEFORE CHRISTMAS OR NEW YEAR

BUSINESS AS USUAL
MONDAY AFTER CHRISTMAS & NEW YEAR

Walter M. Dunlap and Sons

Lancaster Stockyards
Tel. (717) 397-5136

An Old Line Commission Firm Keeping Abreast
With The Times



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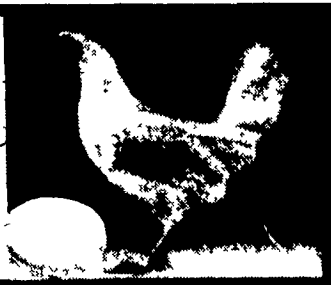
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POULTRY MARKETS



N.E. Weekly Shell Egg Report

Tuesday, December 2

Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	1.18-1.20	1.17-1.19	1.10-1.12	82-84
Mostly	1.18	1.17	1.10	82
N. HAMP.	1.09-1.13	1.08-1.12	1.02-1.06	75-79
Mostly	1.11-1.12	1.10-1.11	1.04-1.05	77-78
R.I.	1.10-1.16	1.09-1.15	1.03-1.09	76-82
Mostly	1.10-1.12	1.09-1.11	1.03-1.05	76-78
VERMONT	1.15-1.20	1.13-1.15	1.09-1.14	
Mostly	1.15	1.13	1.09	
MAINE	1.16-1.21	1.13	1.09-1.14	83-86

X Includes Central and Western Sections only.

Weekly New York Egg Market

From Friday, December 16 to Thursday, December 22

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	1.05	1.05	1.07	1.07	1.10
Ex Large	1.04	1.04	1.06	1.06	1.09
Large	1.03	1.03	1.05	1.05	1.08
Mediums	1.01	1.01	1.03	1.03	1.06
Pullets	.82	.82	.84	.84	.87
Off Grade	.95	.95	.97	.97	1.00
BROWN					
Jumbo	—	—	—	—	—
Ex Large	1.16	1.16	1.16	1.16	1.16
Large	1.14	1.15	1.15	1.15	1.15
Mediums	1.08	1.09	1.09	1.09	1.09
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Undergrades	.65	.65	.65	.65	.66
Checks	.63	.63	.63	.63	.64

Breaking Stock: Friday 22.80-23.10, 22.80-23.10; Thursday 22.80-23.40, 23.10-23.40

Philadelphia Eggs

Thursday, December 22

Report supplied by USDA

MARKET COMMENT: Prices unchanged to higher. Cartoned egg orders range from good to very good. Movement is brisk as traders actively try to fill retail outlets. Floor stocks of large are barely adequate to short. Buying interest is active for class 1's and 2's and graded loose large. However, most inquiry is going unfilled due to the lack of offerings. Also the closeness of the holidays requires that products be available from nearby areas for more prompt shipment. Most traders are meeting orders but no more than that on mediums or extra large. Undertone firm.

Prices to retailers; sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .99½-1.04; A Large .98½-1.03; A Medium .95½-1.00

Delmarva Poultry

Thursday, December 22

Report supplied by USDA

Market Comment: RTC movement on whole birds is good in most quarters, and current production is either well-cleared or clearing satisfactorily. Demand for parts remains strong, and supplies are tight on most items. Overall slaughter is light as some plants are not operating, and others have reduced their kill for today. Tomorrow, the majority of plants are closed, and those that are running are not operating full. Live supplies are adequate. Weights are light to desirable. Undertone firm.

Today's L.T.L. asking prices are 1 cent higher on U.S. Grade A at .59-.63 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 12/22 1,461; Actual 12/15 1,461; Actual 12/20 1,822; Average Weights 12/20 4.08; Average Weights 12/13 4.21.

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification		DATE	DATE
		Dec. 20	Dec. 22
		Tuesday	Thursday
Class 1 - Large	48 lbs.	91½	91½
Class 2 - Large	45 lbs.	87½	87½
Class 3 - Medium	42 lbs.	81	82
Class 4 - Small	39 lbs.	75	75
Breaking Stock	48 lbs.	78	77
Checks	48 lbs.	72	71

Eastern Pa. & N.J. Poultry

Wednesday, December 21

Report supplied by USDA

Market Comment: Prices generally unchanged. Offerings of live birds are limited, causing most plants to run much reduced slaughter schedules. Canner pack demand is lighter; however, higher egg and broiler values do little to alleviate the current values of both live and canner fowl.

Prices Paid at Farm:

Light Type Hens: 23-24, mostly 23-24.

F.O.B. Plant: 25-27, mostly 26.

New York Multiple Drop Broiler Report

Thursday, December 22

Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A .58-.62; Weighted AVG.: U.S. Grade A 61.10; Premium (X) Boxes 14,014.

(X) Includes special services, selected competitive brands, etc.

Heinsey's Poultry Market

Root's, East Petersburg

Tuesday, December 20

Report supplied by auction

RABBITS: 4-6 lbs. range .90-1.10 per lb.

RABBITS: 7-12 lbs. range .80-1.02 per lb.

BUNNIES: range .35-1.25 ea.

GUINEA PIGS: range .50-2.75 ea.

GOATS: range 16.00-49.00 ea.

KID GOATS: range 20.00-36.00.

TOTAL NUMBER COOPS: 408.

New Holland Horse

New Holland Sales Stables

Monday, December 19

Report supplied by auction

Reported receipts of 245 head of horses, mules, and ponies. Market: lower.

LOCAL

Better horses 375.00-560.00.
Driving horses 250.00-950.00.
Riding horses 250.00-325.00.
Lightweight killers 210.00-300.00;
Heavyweight killers 325.00-400.00.
Mares 25.00-75.00; Colts 10.00-20.00; Geldings 25.00-75.00.
Larger ponies 125.00-150.00.

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Quakertown, PA

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HAPPY HOLIDAY

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Pennfield extends to all our friends warmest wishes and happiness now and through the New Year.



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Box 4366, Lancaster, PA 17604
Call 299-2561 or Toll Free:
PA: 1-800-732-0467 MD: 1-800-233-0202



New Holland Hay

New Holland Sales Stables
Monday, December 19

Report supplied by auction

205 loads. Market steady on hay except some alfalfa, 10.00-20.00 per ton lower; straw, 10.00 per ton higher; Ear Corn, 10.00 lower.

Alfalfa, 110.00-140.00, 6 top lds., 144.00-168.00; Mixed Hay, 95.00-125.00, a few lds. Alfalfa-Timothy mix, up to 150.00, few lds. with dust, 85.00-95.00; Timothy, 91.00-118.00; Clover, 87.00-102.00; Orchard Grass, 91.00; Straw, 91.00-111.00; Corn Fodder, 55, Oats, 2.80/bu.

Frederick Co. Hay

Buckeystown, Md.

Thursday, December 22

Report supplied by auction

19 loads, market weaker due to rain and ice.

Alfalfa four good 134.00-146.00; Timothy 5 good 107.00-120.00; Timothy and Grass 85.00; Mixed Hay 119.00-130.00; Wheat Straw 71.00-75.00; Mixed Firewood 32.00-38.00; Hard Firewood 75.00 cord.

Leinbach's Hay

Shippensburg, Pa.

Tuesday, December 20

Report supplied by auction

64 loads.

Alfalfa 91.00-152.00; Mixed hay 85.00-93.00; Timothy 85.00-105.00; Clover 110.00; Grass hay 80.00-105.00; Straw 50.00-79.00; Ear corn 122.50-156.50; Corn fodder 48.50.

Kiester's Hay

Middleburg, Pa.

Tuesday, December 20

Report supplied by auction

41 loads.

Alfalfa 117.50-120.00; Mixed hay 60.00-120.00; Timothy 75.00-80.00; Straw 85.00-87.50.

King's Auction

Tuesday, December 20

Report supplied by auction

16 Loads.

Alfalfa good 130.00-143.00, low grade 107.00-130.00; Timothy 131.00-134.00; Mixed hay 109.00-131.00; Round Bale 76.00; Wheat straw 98.00-106.00; Oat straw 90.00; Corn fodder 72.00.

Regional Hay

Friday, December 16

Report supplied by PDA

(All hay No. 2 and better, prices paid by dealers at the farm and per ton.)

Hay & Straw mostly steady.

Alfalfa 105.00-135.00; Mixed hay 85.00-100.00; Timothy hay 80.00-90.00; Straw 60.00-80.00; Mulch 35.00-45.00.

Green Dragon Hay

Ephrata, Pa.

Friday, December 16

Report supplied by PDA

112 Loads Hay and 45 Loads Straw.

Alfalfa 95.00-154.00; Mixed hay 71.00-158.00, mostly 86.00-123.00; Timothy hay 89.00-115.00; Clover, few 89.00-115.00; Stubble hay, one load 88.00; Straw 81.00-101.00; Ear Corn, 8 loads 134.00-136.00, few down to 102.00; Oats, 2 loads 2.80 & 2.85 per bu.

New Wilmington Hay

Friday, December 16

Report supplied by PDA

59 Loads Hay and 9 Loads Straw.

Alfalfa 80.00-160.00, mostly 99.00-130.00; Mixed hay 65.00-117.50, mostly 70.00-97.00; Timothy hay, few 70.00-79.00; Clover, 2 loads at 79.00; Straw 54.00-68.00; Ear Corn, 7 loads 90.00-103.00; Oats, one load 2.70 per bu.

Good's Hay

Leola, Pa.

Wednesday, December 21

Report supplied by auction

139 loads.

Mixed Hay, 86.00-152.00; Alfalfa, 104.00-157.50; Straw, 91.00-116.00; Corn, 128.00-148.00; Timothy, 109.00-130.00.

Pa. Grain

Monday, December 19

Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central PA.: Corn mostly steady to 10 cents lower; Wheat unevenly steady; Barley and Ear Corn mostly steady; Oats steady to strong.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.60-3.80, average 3.70, New Crop 2.80-2.82; Wheat No. 2 range 3.40-3.80, average 3.61, New Crop 3.30-3.44; Barley No. 3 range 2.50-3.00, average 2.76, New Crop 2.00-2.15; Oats No. 2 range 2.30-2.45, few reported 2.65; average 2.44; Soybeans No. 1 range 7.25-7.78, average 7.46, New Crop 6.60-6.84; Gr. Sorghum #2 range 3.10, average 3.10; New Ear Corn range 80.00-95.00, few reported 125.00, average 95.64.

Central Pa.

Corn No. 2-y range 3.60-3.85, average 3.72; Wheat No. 2 range 3.60-3.90, average 3.72; Barley No. 3 range 2.30-2.60, few reported 2.85, average 2.57; Oats No. 2 range 2.00-2.50, average 2.32; Soybeans No. 1 range 7.30-7.58, average 7.46; Gr. Sorghum No. 2 range 3.75, average 3.75; Buckwheat range 8.80-9.00, average 8.93; New Ear Corn range 85.00-95.00, average 88.80.

South Central Pa.

Corn No. 2-y range 3.60-3.95, average 3.77; Wheat No. 2 range 3.50-3.75, average 3.53; Barley No. 3 range 2.25-3.00, average 2.63; Oats No. 2 range 1.80-2.20, average 2.00; New Ear Corn range 95.00-130.00, average 110.13.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.60-3.85, average 3.72; Wheat No. 2 range

3.40-3.80, average 3.64; Barley No. 3 range 2.30-3.00, average 2.67; Oats No. 2 range 2.00-2.50, average 2.30; Ear Corn range 85.00-125.00, average 97.28.

Western Pa.

Corn No. 2-y range 3.40-3.85, average 3.66; Wheat No. 2 range 3.10-3.50, average 3.30; Barley No. 3 range 2.30, average 2.30; Oats No. 2 range 1.80-2.35, average 2.04; Buckwheat range 7.00, average 7.00.

G&M Livestock

Monday, December 19

Duncansville, Pa.

Report supplied by auction

DAIRY COWS: 550.00-900.00 per head.

SLAUGHTER CATTLE: Steers-Choice 60.00-64.90; Good 56.00-60.00; Standard 50.00-56.00; Utility 44.00-50.00. Heifers-Choice 58.00-62.00; Good 52.00-58.00; Standard 48.00-52.00; Utility 42.00-48.00. Cows-Choice 40.00-42.00, couple to 44.00; Good 38.00-40.00; Standard 34.00-38.00; Utility 32.00-34.00; Cutters 30.00-32.00; Cannors down to 26.00. Bulls 1200-1800 lbs. 46.00-54.00; 900-1200 lbs. 44.00-50.00.

FEEDER CATTLE: Steers-Medium and Good 300-600 lbs. 50.00-62.00. Heifers-Choice 300-600 lbs. 46.00-54.00.

CALVES: Vealers Prime and High Choice 85.00-95.00; Good and Choice 70.00-85.00; Standard 50.00-70.00; Utility down to 35.00. Farm Calves- Holstein bulls 90-120 lbs. 80.00-102.00; Heifers 90-120 lbs. 55.00-72.50.

HOGS: Barrows and gilts 200-240 lbs. 50.00-52.75; 170-300 lbs. 48.00-51.00. Sows- 300-600 lbs. 35.00-43.75. Boars- 24.00-30.00.

FEEDER PIGS: 25-35 lbs. 14.00-19.00 per head; 35-50 lbs. 14.00-30.00.

SHEEP: Slaughter lambs none. GOATS: 10.00-28.00.

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY



EARLY BIRD HOG SALE

For Your Protection Your Hogs Must Be Identified

10:00 AM



11:00 AM

**HAY
STRAW
GRAIN**



**1:30 PM
BEEF SALE
CALF, SHEEP,
GOATS**

WEDNESDAY

12:00 NOON



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WEDNESDAY

FEEDER PIG SALE

1:30 P.M.



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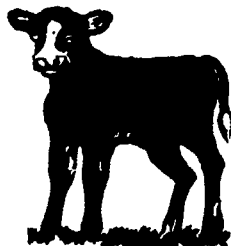
11:00 AM



BULLS -

**STEERS -
BEEF COWS**

3:30 P.M.



CALVES

**SHEEP
GOATS**



Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Lancaster Feeder Cattle

Friday, December 16
Report supplied by USDA

Today 831
Last Friday 379
Last Year 853
TREND: Trend not fully comparable because of insufficient volume in recent weeks. Demand good from above normal attendance. Supply included 607 in graded sale sold in lots of 10 or more, balance mainly in lots of four or less.

FEEDER STEERS

MEDIUM FRAME 1: Couple lots 500-515 lb. 62.50-66.00; several lots 665-700 lb. 60-85-61.25; around 120 head 800-1015 lb. 58.00-59.25.

MEDIUM AND LARGE FRAME 1: Few lots 675-900 lb. 59.35-61.00; couple lots 930-970 lb. 57.85-58.25.

LARGE FRAME 1: Couple lots 885-950 lb. 56.25-58.85; 35 head 1000-1030 lb. 55.10-55.50.

SMALL AND MEDIUM FRAME 1: Couple lots 565-575 lb. 60.00-60.75 and one lot 630 lb. 58.25.

MEDIUM FRAME 1-2: One lot 745 lb. 62.85; couple lots 730-735 lb.

58.00-60.50; one lot mostly 2 550 lb. 54.75.

MEDIUM AND LARGE FRAME 1-2: One lot 753 lb. 52.85 and one lot 820 lb. 58.50.

LARGE FRAME 1-2: One lot 940 lb. 55.50.

LARGE FRAME 2: One lot 975 lb. 44.75.

FEEDER STEERS

MEDIUM AND LARGE FRAME 1: Few lots 475-505 lb. 48.50-49.25; one lot 525 lb. 45.25.

FEEDER BULLS & STAGS

MEDIUM FRAME 1-2: 20 head lot 715-760 lb. 44.00-46.00.

New Wilmington Livestock

New Wilmington, Pa.
Monday, Dec. 19

Report supplied by PDA

CATTLE 244. Compared with last Monday's market, slaughter cows \$1-\$1.50 higher. Couple Choice slaughter steers 63.50-65, one Good at 55.00, few Standard 46.75-54.75, few Utility 40.00-45.00. One Choice slaughter heifer at 62.75, one Good at 52.00, Standard 41.00-49.50. Utility & Commercial slaughter cows 37.00-40.00, few

41.00, Cutters 34.00-37.50, Canner & Low Cutters 27.00-34.50. One Standard slaughter bullock at 44.50. Couple Yield Grade #1 1585 lbs. slaughter bull at 45.00, and one 1490 lbs. at 48.25.

FEEDER CATTLE: Medium Frame #1 325-490 lbs. feeder steers 48.50-54.50, few 800-910 lbs. 40.00-45.00. Medium & Large Frame #1 340-550 lbs. feeder heifers 40.25-48.50, #2 410-720 lbs. 31.50-38.00.

CALVES 288. Vealers mostly steady. Few Choice vealers 78.00-87, Good 63.00-81, Standard & Good 90-120 lbs. 44.00-51, 65-85 lbs. 37.00-47.50, Utility 50-125 lbs. 12.50-30.00.

FARM CALVES: Holstein Bulls 95-130 lbs. 60.00-72, Hol. Heifers 90-115 lbs. 48.00-63.

HOGS 699. Barrows and gilts \$1.25-\$1.50 higher. US No. 1-2 210-250 lbs. barrows and gilts 49.60-51.50, No. 1-3 195-285 lbs. 47.00-49.75, No. 2-3 215-275 lbs. 45.00-47, No. 1-3 150-195 lbs. 37.00-47. Sows steady to strong. US No. 1-3 300-615 lbs. sows 33.00-40, few 42.00. Boars 30.00-35.00.

FEEDER PIGS 101. US No. 1-3 20-35 lbs. feeder pigs 13.00-25 per head, No. 1-3 35-50 lbs. 25.00-36,

Utility 20-35 lbs. 5.00-14 per head.

SHEEP 180. Choice & Prime 80-110 lbs. wooled slaughter lambs 50.00-60, couple lots 62.50-64, Good & Choice 60-85 lbs. 50.00-60, Utility 55-75 lbs. 40.00-50, lot 45 lbs. at 20. Slaughter ewes 12.00-16.00. Choice 35-55 lbs. New Crop Lambs 63.00-80, one lot 60 lbs. of 56.00.

Lebanon Valley Livestock

Fredericksburg, Pa.

Tuesday, Dec. 20

Report supplied by PDA

CATTLE 265: Compared with last Tuesday's market, slaughter steers steady to 1.00 higher. Slaughter cows mostly steady to 2.00 higher. Choice 2-4 1100-1420 lbs. slaughter steers 62.75-66.00, Good 54.00-61.75, few 63.75; Good & Choice (few) holsteins 53.00-56.60, Standard 49.00-54.50, few Utility 37.10-46.00. One High Choice slaughter heifer at 63.85, few Choice 57.00-61.75, two Good 53.50 & 56.25, few Standard 44.75-48.25. Utility & Commercial slaughter cows 39.85-41.60, few 42.00, one 44.50, Cutters 34.00-39.50, few 41.10, Canner & Low Cutters 28.25-34.85, Shells down to 20.00. Two Good slaughter bullocks 51.75 & 53.00, few Standard 48.10-51.25. Two Yield Grade #1 1265-1430 lbs. slaughter bulls 50.25 & 53.00.

CALVES 292: Vealers grading Standard and Good steady to 2.00 higher. Choice vealers 84.00-96.00, few Good 55.00-73.00, Standard & Good 90-120 lbs. 46.00-51.00, few 54.00, 65-85 lbs. 40.00-46.00, Utility 50-100 lbs. 25.00-41.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 60.00-101.00, mostly 80.00-95.00; Holstein Heifers (few) 75-130 lbs. 44.00-64.00.

HOGS 185: Barrows and gilts strong to 4.00 higher. US No. 1-2 215-280 lbs. barrows and gilts 51.85-52.75, No. 1-3 230-245 lbs. 51.00-51.50, lot 53.75, lot No. 2-3 220 lbs. at 49.75, few No. 2-3 310-330 lbs. 45.75-48.50, No. 1-3 145-195 lbs. 38.25-48.75. US No. 1-3 285-585 lbs. sows 35.00-43.50, No. 2-3 335-575 lbs. 33.00-37.00. Few Boars 28.50-28.00.

FEEDER PIGS 10: Few US No. 1-3 20-25 lbs. feeder pigs 33.00-42.00 per hundredweight.

SHEEP 19: One Choice 90 lbs.

wooled slaughter lambs at 76.00, few Good and Choice 60-105 lbs. 44.00-50.00, few Utility 45-75 lbs. 35.00-36.00. Slaughter ewes 14.00-25.00, one at 5.00. GOATS 1: at 29.00 per head.

Morrison Cove Livestock

Martinsburg, Pa.

Monday, Dec. 19

Report supplied by Auction

CATTLE 299. High Choice & Prime slaughter steers 61.50-63.75, Choice 60.50-61.75, Good 57.50-60.50, Standard 52.00-56.50, Utility 40.25-48.50. Choice slaughter heifers 57.50-60.50, Good 54.50-56.75, Standard 50.25-53.50, Utility 37.50-46.50. Utility & Commercial slaughter cows 41.50-44.25, Commercial 39.00-41.75, Cutters 36.50-39.50, Canner & Low Cutters 30.50-34.75, Shells down to 26.50. Good slaughter bullocks 45.50-48.50, Standard 40.50-46, Utility 37.50-41.50. Yield Grade #1 slaughter bulls 45.50-48.25, #2 41.50-44.25.

FEEDER CATTLE: Choice feeder steers 52.50-56.50, Good 50.50-53.50, Medium 42.50-48.50. Good feeder heifers 48.50-52.50, Medium 34.50-44.50. Good feeder bulls 48.50-50.50, Medium 38.50-45.50.

CALVES 342. Prime vealers 92.50-94.50, Choice 84.50-91.50, Good 70.50-81.50, Standard & Good 110-130 lbs. 60.50-72.50, 90-110 lbs. 45.50-52.50, 70-90 lbs. 40.50-48.50, Utility at 35.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 72.50-103.50; Hol. Heifers 90-130 lbs. 50.50-62.50.

HOGS 368. US No. 1-2 2-240 lbs. barrows and gilts 50.25-51.50, No. 1-3 2-250 lbs. 49.50-50.75, No. 2-3 2-250 lbs. 48.50-49, 250-300 lbs. 44.00-46. US No. 1-3 300-600 lbs. sows 35.75-40.25, No. 2-3 300-600 lbs. 32.50-36.25. BOARS 27.00-28.50, light weights 28.50-32.50.

FEEDER PIGS 18. US No. 1-3 20-40 lbs. feeder pigs 18.50-24.50 per head, No. 1-3 40-60 lbs. 24.50-36.50 per head.

SHEEP 14. Choice 90-120 lbs. wooled slaughter lambs 50.50-56.50, Good 70-85 lbs. 50.50-53.50. Slaughter ewes 8.50-16.50.

GOATS 9: 8.00-34.00 per head.



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THE OLD FARMER'S ALMANAC

DEC. 26, 1983-JAN. 1, 1984

Now at New Year's tide, days have lengthened one cock's stride. Make only one New Year's resolution this year, but stick with it. Average length of days for the week, nine hours, seven minutes. Last quarter of the moon Dec. 26 (Mon). Texas became 28th state Dec. 29, 1845. First Los Angeles freeway dedicated Dec. 30, 1940. Begin the new year square with every man.



off their food supply and they will leave

Home Hints: Save the water in which potatoes are boiled and soak tarnished silverware in it for an hour. Wash and dry and your silverware will be sparkling.

OLD FARMER'S WEATHER FORECASTS

New England: Snow flurries to begin week, sunny by midweek, snow again at week's end.

Greater New York-New Jersey: Continuing mild throughout week, with rain at the weekend.

Middle Atlantic Coastal: Possible showers, then clear and mild through midweek, rain ends week.

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Oklahoma Cattle

Wednesday, December 21

Report supplied by USDA

Estimated Receipts 600

Same Day Last Week 7,213

Feeder Steers and Heifers steady to 50 cents lower. Trends lightly tested. Feeder demand moderate. Slaughter Cows firm to 1.00 higher. Bulls scarce. Trends largely a reflection of continued severe weather and light receipts. Bulk supply Medium and Large Frame 1 and Mixed 1-2 400-825 lbs. Feeder Steers and 450-700 lbs. Heifers. Cows and Bulls near 10 percent of the 755 head sold at auction.

FEEDER STEERS: Medium Large Frame 1 500-600 lbs. 62.50-64.75; 650-675 lbs. 65.50-65.90; pkg. 730 lb. 64.10; pkg. 930 lb. 62.90. Small Frame 1 425-450 lb. 60.25-61.10. Medium and Large Frame Mixed 1-2 360 lb. 67.10; 450-525 lb.

60.50-61.25; 600-700 lb. 62.70-64.60, lot 720 lb. 63.50, lot 820 lb. 61.00. Large Frame 2 Holsteins 435 lb. 45.25; 515 lb. thin 40.20; 617 lb. 43.10; 815 lb. 45.00.

FEEDER HEIFERS: Medium and Large Frame 1 350-475 lb. 53.15-54.75; 525-575 lb. 56.10-56.30, lot very fleshy 53.00, lot 670 lb. 57.00. Medium and Large Frame Mixed 1-2 455 lb. 51.30; 550 lb. 55.90; 690 lb. 54.30. Large Frame 2 680 lb. 49.90.

SLAUGHTER COWS: Breaking Utility and Commercial 3-4 850 lb. 41.25; boning Utility 1-2 exotic crosses 37.20-40.30; Canner and low-cutter 30.25-34.25.

REPLACEMENT AND OR FEEDER COWS: Small and Medium Frame 1-2 middle-aged 34.25-35.50.

Hogs: 300

No sales of any class as of 10:00 AM

Tuesday, December 22
Weekly Cattle Summary
Compared to last Wednesday, Feeder steers and Heifers under 600 lb. 3.00-4.00 lower; over 600 lb. 1.00-2.00 lower; Heifers often at full decline. Slaughter Cows 3.00-4.00 higher. Bulls 1.00-2.00 higher. Trends and Prices greatly influenced by severe record breaking winter weather. Midweek sales breaking-Utility and Commercial 2-4 Slaughter cows 37.50-41.25; Cutter and Boning-Utility 1-2 34.50-39.00, few lots strong weight 39.30-40.30; Canner and low Cutter 30.25-34.25. Bulls scarce. Few YG 1-2 1500-1700 lb. 47.00-50.00; 1300-1500 lb. 42.60-47.00. Salable receipts this week estimated at 3800 head, last weeks actual count 18,989 head, last years 6,348. Feeder Steers and Heifers made up near 81 percent of total run; Cows and Bulls 18 percent.

Carlisle Livestock Auction

Carlisle, Pa.

Tuesday, December 20

Report supplied by auction

CATTLE: Steers were 4.00 higher; Heifers were 1.00 higher; Cows were .50 higher and Bulls were steady. Steers- Active bidding; Choice 62.25-65.00; Good 58.00. Heifers- Few Medium 52.00 down. Cows- Individual 46.25; Utility & Commercial 36.00-39.75; Cutter 33.50-36.50; Canner & Low Cutter 32.00-35.00; Shells 31.00 down. Bulls- Few Medium 47.00-48.75.

FEEDER CATTLE: Steers were steady; Heifers were 2.00 lower and Bulls were steady. Steers- (350-570 lbs.) Medium 48.50-49.50; Culls 33.00-39.00; (650-810 lbs.) Good 49.50-50.00. Heifers- (415-540

lbs.) Medium-Good 35.50-45.50; (655-700 lbs.) Medium 37.00-38.00. Bulls- (400-600 lbs.) Medium-Good 41.50-52.00.

CALVES: Vealers were 6.00 higher and Hol. Bulls were 15.00 higher. Vealers- Choice 80.00-96.00; Good 65.00-80.00; Standard and Good 56.00-70.00; Standard 45.00-55.00; Light & Weak 44.00 down. Farm Calves- Hol. Bulls 90.00-108.00.

HOGS: (459) Barrow & Gilts .50 higher; US No. 1-2, 46.50-49.75; US No. 1-3 43.00-46.75; US No. 2-3 38.75-43.00. Sows- (68) 1.00 higher, US

No. 1-3 34.50-39.25; No. 2-3 31.00-35.50. Boars: 27.50-33.00.

FEEDER PIGS: Steady to 1.00 higher on pigs over 50 lbs. US No. 1-3 15-20 lbs. 10.00-13.50 head; No. 1-3 25-40 lbs. 15.50-24.00 head; No. 1-3 50-70 lbs. 24.00-34.00 head.

SHEEP: Lambs- Strong demand with active bidding 6.00-10.00 higher. Choice 64.00-71.00; Good 50.00-59.00; Utility 36.00-39.00. Ewes- 8.00-13.00. Goats- Large 29.00-46.00 head; Medium-Small 11.00-22.00 head.

Sale every Tues. evening 7:00 P.M. for Livestock; Eggs and Rabbits 5:45 P.M.

Apple Market News

Monday, Dec. 19

Report Supplied by PDA

The Pennsylvania Department of Agriculture would like to extend a sincere Holiday Wish to you and yours during this Holiday Season and throughout the coming New Year.

Demand for bag apples still remains poor. Prices are stable. Stayman trappacks are the only bright spot with good demand. Demand for the other trappack is fair, prices stable.

The influx of western fruit continues. 12,310 trucks this year versus 9,203 last year from Washington alone.

Prices quoted below are wholesale, truckload, F.O.B. prices at the orchard or packing house.

SUMMARY

Trappacks: Red Delicious U.S. Extra Fancy 100 & up - 11.00, few 11.50; U.S. Extra Fancy 113's -

10.50-11.00; Comb. Fancy & Extra Fancy 125's - 10.50; Comb. Fancy 88 & up - 9.50-10.00; Comb. Fancy & Extra Fancy 113's - 9.25; Comb. Fancy & Extra 125's - 8.75.

Red Rome U.S. Extra Fancy 88 & up - 10.50-11.00; Comb. Fancy & Extra Fancy 80 & up - 9.50; Comb. Fancy & Extra Fancy 88's - 9.00.

Golden Delicious Comb. Fancy & Extra Fancy 88's & up - 10.00-10.50; Comb. Fancy & Extra Fancy 100's - 9.50; Comb. Fancy & Extra Fancy 113's - 9.00.

Stayman U.S. Extra Fancy 113's & up - 14.00; Comb. Fancy & Ex. Fancy 113's - 12.00.

Bags: 12/3 bags Red Delicious Extra Fancy - 8.50; U.S. Fancy 6.50-7.00 m. 6.75.

Golden Delicious U.S. Fancy - 6.50.

Red Rome Extra Fancy - 8.00.

Red York Comb. Fancy & Ex. Fancy - 6.00-6.50.

Stayman U.S. Fancy - 6.50-8.00.

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| * LASSO | * FURADAN |
| * SUTAN + | * COUNTER |
| * BLADEX | * DYFONATE |
| * LASSO-ATRAZINE | * ETC. |

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FRIDAY, JANUARY 20 ON THE FARM MONTHLY BRED GILT SALE

Sale to Start Promptly at 1:00
Every 4 Weeks

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road. Watch for sale arrows.

50 to 60 Head

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R.D. 2, Quarryville, Pa
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa

Abe Dittenbach, Auctioneer

NEXT SALE DATE FEBRUARY 17



Livestock market and auction news

Virginia Auction Summary

December 14-21
Report supplied by VDA
Total of Va. Weekly Feeder Cattle Auction Receipts: 5,325.
TREND: \$1.00-\$2.00 higher.

Southwestern, Va. Auction Summary

December 14-21
STEERS: 300-500 lbs. Medium 1 55.00-67.00; Large 1 59.25-68.00; Small 1 51.00-63.50. 500-700 lbs. Medium 1 55.00-64.00; Large 1 55.25-64.00; Small 1 50.00-60.00. 700-1000 lbs. Medium 1 52.00-59.00; Large 1 52.25-62.00; Small 1 50.50-53.75.

HEIFERS: 300-500 lbs. Medium 1 44.00-56.00; Large 1 45.00-55.00; Small 1 40.00-52.50. 500-700 lbs. Medium 1 45.00-55.00; Large 1 45.00-58.00; Small 1 41.00-50.00; 700-900 lbs. Medium 1 38.50-49.50; Large 1 41.75-51.50.

Northern Va. Auction Summary

December 14-21
STEERS: 300-500 lbs. Medium 1 57.00-66.00; Large 1 54.00-61.00; Small 1 49.00-59.50. 500-700 lbs.

Medium 1 50.00-61.50; Small 1 52.00-53.50. 700-1000 lbs. Medium 1 46.00-59.00; Large 1 47.00-57.50.

HEIFERS: 300-500 lbs. Medium 1 40.00-52.50; Large 1 45.75-51.00; Small 1 40.00-47.00. 500-700 lbs. Medium 1 40.00-49.00; Large 1 40.00-47.50; Small 1 41.00-45.00. 700-900 lbs. Medium 1 40.00-49.00; Large 1 43.00-48.75.

Southeast Va. Auction Summary

December 14-21
STEERS: 500-700 lbs. Medium 1 53.75. 700-1000 lbs. Medium 1 49.75-53.25.

HEIFERS: 300-500 lbs. 47.00-51.00. 500-700 lbs. 500-700 lbs. 46.00.

Shenandoah Valley Livestock

Harrisonburg, Va.

Saturday, December 17
Report supplied by auction

FEEDER CATTLE: Trend: Steers 300 to 500 lbs. Steady 500 to 1000 lbs. 1.00-2.00 lower. Feeder Bulls steady; Feeder Heifer steady to 1.00 higher. Steers: M&L-1 300-500 lbs. 58.00-66.00; 500-700 lbs. 54.50-59.00; 700-1000 lbs. 54.00-58.00; Holstein 300-1000 36.00-44.00. S-1&M&L-2 300-500 lbs. 49.00-56.00; 500-700 lbs. 48.00-56.00; 700-1000 lbs.

46.00-50.00. Feeder Bulls: M&L-1 300-500 lbs. 50.50-55.00; 500-700 lbs. 47.00-53.50; 700-1000 lbs. 53.25. S-1&M&L-2 300-500 lbs. 48.00-51.00. Heifers: M&L-1 300-500 lbs. 44.00-50.00; 500-700 lbs. 43.00-46.50; 700-800 lbs. 42.00-48.00. S-1&M&L-2 300-500 lbs. 35.00-42.00; 500-700 lbs. 38.00-42.50. Stock Cows: Beef sold by cwt. 30.00-37.50; Dairy 175.00-285.00.

SLAUGHTER CATTLE: Steers-Good 2-3 54.00-58.50. Heifers-Good 2-3 50.00-51.00.

SLAUGHTER COWS: Trend-Steady. Utility & Commercial 2-4 30.00-39.25; Canner & Cutters 1-3 24.00-30.50.

SLAUGHTER BULLS 1 & 2 39.50-54.75.

LAMBS: Trend- 2.50 higher. High Choice & Prime 60.00; Choice 53.75; Feeder Lambs Choice 53.50-55.00; Slaughter Ewes 10.00-16.75.

HOGS: US 1-3 200-240 lbs. 47.70. Sows 1-3 30.00-37.50. Boars 26.25.

VEAL: Good 65.00-73.00.

SLAUGHTER CALVES: Good & Choice 45.00-53.50.

Westminster Livestock Auction

Westminster, Md.

Tuesday, December 13

Report supplied by auction

BUTCHER COWS: 2.00 over last week. High Yield 38.50-40.00; Standard & Utility 35.00-38.50; Canners 31.00-35.00; Shelly 31.00 down. Slaughter Bulls- Few Med. to Good 1500-1800 lb. 44.75-49.75. Fed Steers- Very active 2.00

higher! Choice 60.00-65.00; Good 55.00-60.00; Good Holsteins 48.00-53.25.

BUTCHER HOGS: 4.00 over last week. US #1&2 230-250 lb. 47.00-47.50. US 1&3 200-215 lb. 45.25-45.50; 270-290 lb. 44.00-45.50; 300-350 lb. 37.50-39.50. Sows- 3.00-4.00 higher; 340-550 lb. 34.00-37.00. Boars- 595-720 lb. 27.50-27.75.

VEAL CALVES: Choice 170-200 lb. 75.00-81.00. Killers 80-100 lb. 41.00-49.00; Weak & Rough 40.00 down.

CALVES RETURNED TO FARM: 5.00 higher. Holstein Bulls 95-120 lb. 60.00-80.00.

LAMBS: Good demand; Choice 100-125 lb. 53.50-55.50; Goats 25.00-43.00 per head.

STOCK CATTLE: Steady prices. Steers- Good 400-850 lb. 50.00-57.00. Heifers- Good & Choice 300-500 lb. 43.00-49.50; 500-750 lb. 41.00-45.00. Bulls- 4 Holsteins 500-650 lb. 34.50-35.50.

PIGS AND SHOATS: Scarce 3.00 higher. By the Head- 30-50 lb. 12.00-23.00; 50-75 lb. 22.00-28.00; 100 lb. to 31.50. By the Lb.- 3 head 83 lb. at 33.50.

Four States Livestock

Hagerstown, Md.

Wednesday, December 14

Report supplied by auction

SLAUGHTER: Fed Steers- Mostly steady. Choice 59.00-60.50; Good 55.00-58.00; Medium 54.00 down. Heifers- Choice 56.00-59.00; Good 51.00-55.00; Medium 50.00 down. Cows- Very active \$3.00 higher. High Yield 39.00-41.50; Average 35.00-38.00; Big Middle 30.00-34.00; Fatty Herf 29.00-33.00; Shelly 32.00 down. Fat Bulls- Individual at 59.50. Good 48.00-51.75; Medium 43.00-47.00. Veal Calves- Heavy Calves \$3.00 higher; Light Calves steady; Choice 80.00-84.00; Good 70.00-79.00; Medium 60.00-

69.00; Farm Hfrs. 50.00-57.00; Farm Bulls 70.00-85.00; Light & Weak 42.00 down. Lambs- Strong demand \$4.00 higher. Choice 57.00-59.50; Good 52.00-56.00; Medium 53.00 down.

STOCKER: Steers 300-550 lbs.- Steady prices; Choice 59.00-64.00; Good 53.00-58.00; Medium 48.00-52.00; Culls 47.00 down. Steers 600-850 lbs.- Choice 57.00-59.00; Good 51.00-56.00; Medium 50.00 down. Heifers (All Weights)- Choice 48.00-51.50; Good 43.00-47.00; Medium 38.00-42.00. Bulls- Choice 56.00-60.00; Good 50.00-55.00; Med. 44.00-49.00. Springing Heifers- to 550.00. Pigs Hd.- Large run and higher prices; 20-30 lbs. 10.00-17.00; 40-60 lbs. 18.00-25.00. Shoats by Lb.- 35.50-57.00. Slaughter Hogs- \$3.50 higher. 215-230 lbs. 45.75-46.75; 240-260 lbs. 45.50-46.50; 190-210 lbs. 44.00-45.00; 270-325 lbs. 43.00-45.25. Sows- 300-550 lbs. 33.00-37.00; Thin Sows 27.00-32.00.

Valley Livestock

Valley Stockyards

Athens, Pa.

Monday, December 19

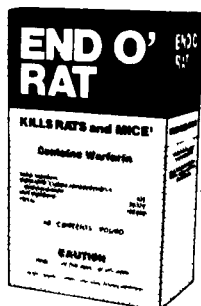
Report supplied by auction

Holstein Hfr. Calves to 51.50; Veal Calves 60.00-65.00; Vealer Bull Calves 60.00-80.00; Slaughter Calves 35.00-50.00; Grassers & Feeders 32.00-45.00; Lambs 42.00-53.00; Sheep 10.00-25.50; Hogs, 200 to 250 42.00-49.50; Sows 28.00-34.50; Boars 20.00-28.00; Pigs 12.00-35.00; Heifers 38.00-42.00; Steers no top steers; Steers, feeder 36.50-53.00; Bulls 38.00-42.00; Cows, utility 36.00-38.25; Cows, fat 34.00-36.00; Cows, medium 33.00-35.00; Cows, poor or small 25.00-30.00; Cattle Market higher; Calf Market steady; Horses small to 205.00; Ponies none; Goats 15.00-34.00; Hay 80.00 per ton.

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- We will also accept your sows & boars.
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- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.

HOLIDAY SCHEDULE

Closed Mon., Dec. 26, 1983
and Mon., Jan. 2, 1984

WE WILL BE OPEN

Tues., Dec. 27th & Tues., Jan. 3rd

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Danville Buying Station

Phone: 717-275-2880



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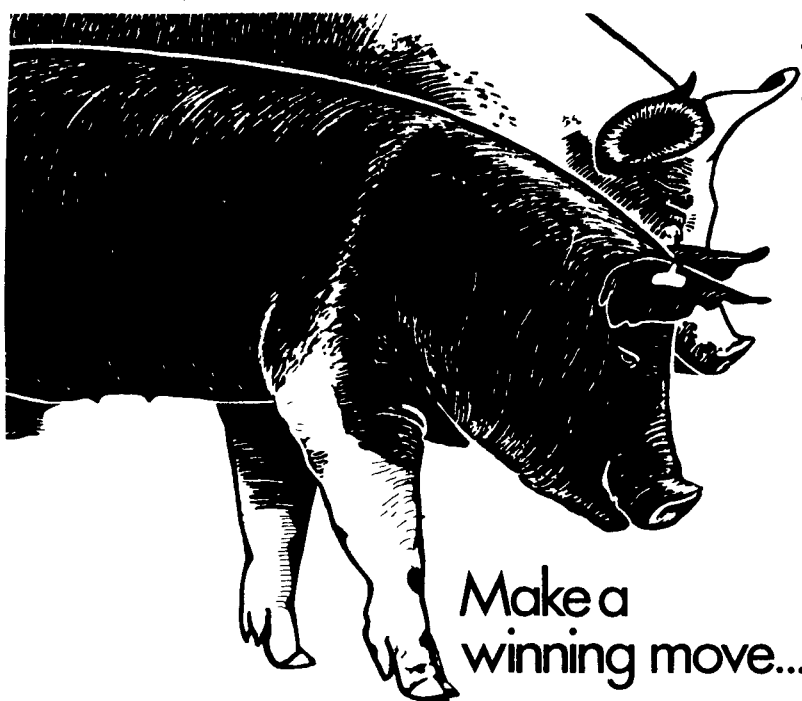
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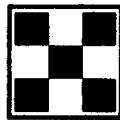
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Christmas on farm

Part IV

BY DICK ANGLESTEIN

(This is the final segment of a holiday message from a Christmas on a small Pennsylvania farm a number of years ago.)

Christmas Eve day on the small Pennsylvania farm brought snow. The boy followed the footprints of the father as they stamped out twin trails through the new blanket of white, starting from the house to the barn, over to the chicken house and hog pen and finally back to the house.

Breakfast was quiet. Almost so quiet that the cooked oats seemed to crunch.

"First, we'll go up on the hill and cut our tree and then drive over to the Old German," the father said, vainly trying to get some holiday spirit back into those little eyes.

But the walk up the hill in the crisp air over the new-fallen snow failed to rekindle any spark in the boy. The finding of almost a perfect tree had no effect either.

The boy tried to get out of the ride to the Old German. He had had enough of delivering chickens. Three days of it had brought only the worst disappointments of his young life.

"But the Old German made a point of saying twice that he wanted to see you," the father reminded.

"And I've never heard of him ever making such a request before.

"You must go along."

The boy crawled up into the truck -- the truck that had been the center of his dismal three days. As it stopped, he protested walking along up to the small dwelling, but finally tagged behind his father.

The Old German accepted the chicken with the customary half-hearted protest and then went back into the house, asking the father and son to wait a minute. He returned to the door carrying a plain-wrapped package and handed it to the boy.

Mixing German with faltering English, he spoke to the boy. Pointing to the crates and boxes piled nearby and needing repairs, he explained that those he made with his "Hande."

But this, indicating the package, he made with his "Herz" (heart).

The boy accepted the package in silence and remained quiet all the way home. Opening it later on Christmas Eve, the boy found what



had come from the Old German's heart.

The brown paper package tied with plain string contained a complete handmade and hand-carved farm setting.

The barn with sloping roof had one open side and contained a couple of stalls, complete with mangers. There was a chicken coop, a hog pen and even a dog house.

Small animal figures had been whittled and cut out -- horse, cows, sheep, pigs, dog, chickens and ducks.

Tiny wooden people too -- a father, mother and smaller ones.

Even a tractor and a car.

The boy didn't even notice or care how crude and primitive was the farm set. Obviously, the Old German had worked long into the past few nights to get it done. The scale was all wrong and the pieces were hewn rather hurriedly from the scraps of boxes and crates.

But, the boxes and crates were made by hands.

The farm set was a product of the heart.

Even the young boy understood and has never forgotten when the father said:

"Before, you went looking for Christmas gifts -- only to have them slip away.

"But this was a gift you didn't seek.

"The best blessings in life are those that come when you least expect them and when you need them most."

Some of the pieces of this "blessing of the heart" have been lost or broken over the years.

But there's still enough that remains to be brought out each holiday and placed beneath the tree to remember and relive a Christmas on a small Pennsylvania farm quite a few years ago.

MERRY CHRISTMAS

OUR READERS WRITE, AND OTHER OPINIONS

WHO MAKES SURPLUS?

Dear Editor:
I'm disgusted that Reagan and Cold came up with such a crazy

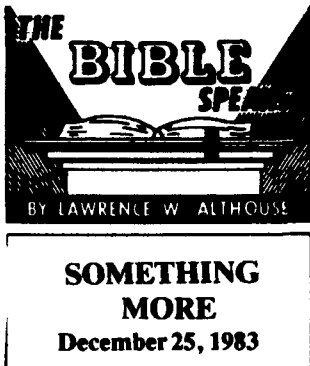
Farm Bill concerning the dairymen.

First of all, no dairyman milking less than 75 cows, no farmer far-

ming less than 500 acres, no hog man raising a few hundred hogs a year and no poultryman with less

(Turn to Page A12)

Otis



Background Scripture: Isaiah 9 1-7,
11 1-10

Devotional Reading: Isaiah 12 1-6

We don't know how the people received Isaiah's prophecy about the coming of the messianic king. But it is quite likely that there were some who were disappointed.

The promises themselves were comforting and encouraging enough: the messiah would come as "a great light," he would end their oppression, and put an end to strife. He would rule the world "with justice and righteousness" and all peoples together would call him "Wonderful Counselor, Mighty God, Everlasting Father, Prince of Peace" (Is. 9:6).

A CHILD IS BORN

But there was also a prophecy that the messiah would come to them in the form of a little baby: "For to us a child is born, to us a son is given." No matter how popular the birth of male babies in Israel, that certainly wasn't what they were looking for. They wanted a fullgrown leader to rule them and help them throw-off the oppression of their enemies. A child -- no matter what it's destiny -- was something considerable less than they were expecting.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851



To Take Inventory

An area of our operation that is very important at this time of year is inventory. With the close of the year most of our farmers close-out their records for the year. This means that if you are going to have a Farm Analysis made you should take inventory of all your supplies. You'll need this to do any kind of farm analysis because the amount of grain, hay and other supplies that are in storage will vary from year to year, and unless this is taken into consideration, you cannot have an accurate analysis of your year's operation. So, as accurately as possible, record the amount of hay, grain, feed, seeds and fertilizer that are on hand. This is the first step in an accurate farm analysis.

To Sort Tobacco

Tobacco stripping is underway in this part of the state and many hours will be spent removing the leaves from the stalk. The days of special handling and sizing seems to be over; however, it is still very

Yet, it is now apparent that they also received something more than they were expecting. This "child" that would be born among them, in addition to his other gifts and talents, would be blessed with the greatest spiritual endowment:

And the Spirit of the Lord shall rest upon him, the spirit of wisdom and understanding, the spirit of counsel and might, the spirit of knowledge and the feat of the Lord.

All the best attributes of the kings of Israel --and considerable more-- would be incarnate in this messiah. "He shall not judge by what his eyes see or decide by what his ears hear."

WOLF AND LAMB

But the people of Israel were also to receive "something more" than relief from their enemies. The messiah whom Isaiah envisioned would be a "Prince of Peace," whose coming would herald a day when eventually "the wolf shall dwell with the lamb, and the leopard shall lie down with the kid, and the calf and the lion and the fatling together."

That certainly had to be something considerable "more" than they were expecting. It would not be just freedom from oppression that God would give them, but that much more positive and engrossing quality of peace itself: "They shall not hurt or destroy in all my holy mountain..."

Though they may have thought they were getting something less, as God keeps the score, they were getting something worth a lot more. And that's always part of the meaning of Christmas, too. No matter our state in life, no matter how we assess our own importance, we always get more than we expect or deserve from God.

important that growers sort the injured and ground leaves from the good tobacco. This will be required if the crop is being sold on grade. With some "pull off" crops this is less important. On the other hand growers should be fair enough to sort out the undesirable leaves. If this is not done, the buyer will be unhappy and look elsewhere for their tobacco supplies. Some sorting is necessary with every crop, regardless of the method of selling.

To Protect Small Pigs

Cold weather is here and many small feeder pigs are not given sufficient protection. In our modern open-fronted finishing houses the small pigs may become too cold and come down with digestive and respiratory problems. We suggest that the pens be covered with boards, or other materials to form a hover over the back part of the pen. This will help maintain body heat and reduce the chance of any drafts over the smaller pigs. When the pigs pile up during cold weather, they are not warm enough. You may want to use heat lamps, or other forms of supplemental heat, on the small pigs during very cold weather.

To Protect Trees and Shrubs

Your trees and shrubs will be able to withstand the winter conditions in better shape -- with a little help from you. Some winter protection might help save your valued trees and shrubs.

Thin-barked trees can be damaged by sunscald in the winter. That's why it's a good idea

(Turn to Page A12)



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All of us at Hershey Equipment would like to say a special "THANK YOU" to all of you, for permitting us to continue being of service to you in 1983.

Our sales, service and management staff count it a real privilege to continue serving your poultry, livestock and grain handling needs.

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May all of you have a Merry Christmas season and may 1984 bring you health, happiness and prosperity.

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Farm Bureau calls for end to all subsidies

PARK RIDGE, IL. — A statement of policy for the nation's largest organization of farmers has declared itself in favor of a market-oriented system of supply and demand to determine farm income rather than government subsidized farm commodity programs.

The Resolutions Committee of the 3.2 million member-family American Farm Bureau Federation called for a phase-out of all government-subsidized farm commodity programs after the 1985 crop. Presidents from the state Farm Bureaus comprise the nucleus of the Resolutions Committee, and their deliberations here complete the formulation of a resolutions process that begins in communities, then in county and state Farm Bureaus. Policy finalized by the committee is subject to ratification, rejection, or change by voting delegates to

Farm Bureau's national convention in Orlando, FL, Jan. 8-12.

The committee listed as its "top priority" the continued reduction in the size and cost of the federal government to stop inflation and increase productivity. It continues support of a "freeze and fix" program to reform federal entitlement programs. The plan would impose a three year freeze on all federal cost-of-living adjustments, to continue if, by that time, Congress does not "fix" or reduce costs of entitlement programs.

Among a wide range of other issues of concern to agriculture, the committee:

-Opposed a freeze on scheduled tax cuts, which it said should be accompanied by a comparable cut in government spending.

-Supported immigration controls and the essence of the Administration's Simpson-Mazzoli

bill — with amendments requiring search warrants for entry by the Immigration Service into farmers' fields, and limiting sanctions against employers to those found guilty of knowingly hiring undocumented workers.

-Opened the way to consideration of a separate agricultural counsel and staff to resolve farm labor problems under the guidelines of the National Labor Relations Act.

-Called for a federal revolving fund—with an adequate rate of interest—to help provide credit to rural electric cooperatives, and to make funds used for lending prior to 1973 a permanent capital investment in the revolving fund.

-Supported the concept of basic telephone service at reasonable cost to all people, with the establishment of a universal service fund to aid rural telephone companies whose costs exceed the national average.

-Called for a variety of environmental protections including the discouragement of federal farm programs that stimulate production in fragile and marginal croplands vulnerable to soil erosion. On predator control, the committee asked for legislation to require government control of wildlife—including endangered species—to cut down on serious crop damage and livestock loss.

-Noted that the production of pure, wholesome food can't be provided in sufficient quantity without the judicious use of agricultural chemicals, and that their curtailment can only result in lower quality food products in lesser supply.

In all, the Farm Bureau resolutions committee deliberated on some 175 separate subjects over a period of four days.

New pest control eyed

COLLEGE PARK, Md. — Entomologists at the University of Maryland are exploring a new approach to bringing about the demise of insect pests like the German cockroach.

They plan to drug male cockroaches to disrupt their normal mating behavior, according to a research team for the university's Agricultural Experiment Station (UMES).

"Using drugs that interfere with the normal sex behavior of male insects represents a new approach to insect control," says Judd Nelson, associate professor at Maryland.

The drugs, according to Nelson, seem to be effective in interfering with the male insect's ability to engage in courtship activities,

such as "wing raising."

Normally, when male German cockroaches are confronted with a female sex scent — called a "sex pheromone" — they will use their antennae to fence with another male, turn in circles or raise their wings.

Nelson says several classes of drugs screened in a study were effective "blockers" of wing-raising activity among male cockroaches.

He says finding new ways for chemicals to interfere with normal cockroach behavior could be one way scientists can reduce insect populations.

Behavior modification drugs also may offset or forestall the continuing problem of insect resistance to modern insecticides.

OUR READERS WRITE

(Continued from Page A10)

than 1,000 chickens has ever contributed to any agricultural surplus.

It is the "Mr. Big-Big" so-called farmer that got greedy and farms thousands of acres in a couple of townships, milks hundreds of cows, feeds out hundreds of beef cattle, thousands of hogs (like Block), has 50,000 or 100,000 chickens, etc. that has contributed to the surpluses of everything.

Those are the ones that get on magazine covers coming out of their \$150,000 combines or 8-wheel tractors. These are the kinds that have been "championed" by magazines and politicians. These are the kinds that have "elbowed

out" the little farmer and has stuck the public with a lot of low quality products and made the consumers buy even less.

And to make the surpluses worse, "Reaganomics" has caused consumers to be poorer than before and not be able to buy as much. Those who are standing in soup lines, unemployment lines and those who have a hard time getting by, those who are underemployed and those who gave up looking for work are not buying what we farmers raise.

My father had a bottled milk route in Western Pennsylvania before Hoover came in and things were pretty good. But when the "Hoover Depression" hit, those who used to buy three or four quarts of milk dried up and or bought none or maybe a quart. The unemployed could buy nothing and the surpluses mushroomed in nightmare proportions.

So it is now the same problem. And Mr. Block picking the pockets of the little dairymen to fatten the pockets of the over-sized big dairymen is just a crazy act of a mad man in a high bureaucratic saddle. It's all wrong and dirty. I won't have any of it. It won't work.

If Reagan can see fit to hand out grants in billions to El Salvador, Israel and other countries where American billionaires have investments, he has no excuse not to help the American farmer also by grants.

It just goes to show what a silly Hollywood actor can do especially when a lot of fools "champion" his absurdity. It's time we take a right about face and be sensibly honest about this problem, not like the fools who follow Reagan and Block.

Shame on the whole thing. I pray God will take care of the matters.

Paul Holowka
R4 York

Now Is The Time

(Continued from Page A10)

to wrap the trunks of such trees as sugar maple, tulip trees, American linden, flowering dogwood and plum. You can wrap them now but be sure to take the wrapping off late next spring. You can use commercial tree wrapping, starting at the ground level and working up the tree, overlapping about every half-inch. Tie the wrap with twine or use waterproof tape several places along the stem.

Smaller ornamentals should be mulched; this will not keep the soil from freezing but it helps keep the soil frozen to prevent root injury caused by alternate freezing and thawing of the soil.

The mulch should be loose, but it should stay where you put it. Use clean wheat straw, shredded bark or peat moss.

Merry Christmas to all!

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Wood Corner Rd., 1 Mile West of Ephrata
Phone: 717-738-1121

Livestock market and auction news

Eighty-Four Livestock

Eighty-Four, Pa.
Monday, Dec. 19

Report Supplied by PDA

CATTLE 310. Compared with last Monday's market, slaughter cows \$1.50-\$2 higher. Few Choice slaughter steers 59.00-62, few Good 55.00-59, Standard 50.00-54. Few Good slaughter heifers 51.00-53, few Standard 43.50-48, few Utility 38.50-43. Utility & Commercial slaughter cows 35.25-39.50, few 39.60-40.75, Cutters 33.00-36, Canner & Low Cutters 28.00-33.50, Shells down to 21.00. Yield Grade #1 1000-1700 lbs. slaughter bulls 45.00-49.25, #2 900-1300 lbs. 42.00-45.50.

FEEDER CATTLE: Medium Frame #1 400-780 lbs. feeder steers 54.00-60. Medium Frame #1 400-600 lbs. feeder heifers 46.00-51, few #2 500-600 lbs. 41.00-44. Medium Frame #1 400-700 lbs. feeder bulls 54.00-58.00.

CALVES 229. Vealers unevenly steady. Few Choice vealers 86.00-92, Good 75.00-86, Standard & Good 90-120 lbs. 42.00-50, 60-85 lbs. 38.00-43.

FARM CALVES: Holstein Bulls 90-125 lbs. 50.00-68.00.

HOGS 89. Barrows and gilts \$2.50-\$3 higher. US No. 1-2 198-235 lbs. barrows and gilts 49.00-50.25, No. 1-3 2-240 lbs. 48.00-48.75, US No. 1-3 350-500 lbs. sows 36.00-39.75, few No. 2-3 400-600 lbs. 32.00-36.00. Few Boars 26.00-30.25.

FEEDER PIGS 22. US No. 1-3 40-75 lbs. feeder pigs 24.00-27.50 per head, No. 1-3 25-35 lbs. 13.00-15.00 per head.

SHEEP 222. Woolled slaughter lambs \$6-\$7 higher. High Choice & Prime 75-95 lbs. wool lambs 63.00-67, Choice 65-95 lbs. 56.75-61.50, few Good 50-70 lbs. 51.00-56. Slaughter sheep 12.00-17.00.

Keister's Middleburg Auction

Middleburg, Pa.
Tuesday, Dec. 20

Report supplied by the auction

CATTLE 307: High Choice & Prime slaughter steers 64.00-66.60, Good 58.00-63.00, Standard 52.00-58.00, Utility 42.00-52.00. Choice slaughter heifers 62.00-64.25, Good 58.00-62.00, Standard 52.00-58.00. Utility & Commercial slaughter cows 42.00-52.00, Shells down to 25.00. Good slaughter bullocks 50.00-53.50. Yield grade #1 1200-1950 lbs. slaughter bulls 46.00-51.85, Yield Grade #2 800-1200 lbs. 40.00-46.00.

CALVES 217: Choice vealers 75.00-92.00, Good 60.00-75.00, Standard & Good 90-110 lbs. 40.00-55.00, 70-90 lbs. 30.00-40.00.

FARM CALVES: Holstein Bulls 90-125 lbs. 70.00-103.00.

HOGS 857: US No. 1-2 210-235 lbs. barrows & gilts 52.60-53.60, No. 1-2 200-250 lbs. 51.50-52.50, No. 2-3 190-270 lbs. 47.75-51.75.

SOWS: US No. 1-3 350-600 lbs. sows 36.00-40.00, few at 44.00, few

No. 2-3 300-500 lbs. 30.00-36.00.

BOARS: 28.00-34.00.

FEEDER PIGS 285: US No. 1-3 10-20 lbs. feeder pigs 8.00-20.00 per head, No. 1-3 25-30 lbs. 20.00-42.00, No. 1-3 50-75 lbs. 40.00-46.00 per head.

SHEEP 11: Slaughter ewes 18.00-26.00.

Dewart Livestock

Dewart, Pa.

Monday, Dec. 19

Report Supplied by PDA

CATTLE 253. Compared with last Monday's market, slaughter cows \$1-\$1.50 higher. Choice 2-4 1000-1490 lbs. slaughter steers 61.50-64.50, Good 55.75-59.75, few Standard 46.00-52.25. Few Good slaughter heifers 51.75-57.25. Utility and Commercial slaughter cows 35.50-39, couple 41.85, Cutters 34.00-36.50, Canner and Low Cutters 31.00-34.25, Shells down to 26.75. Few Good slaughter bullocks 55.75-57.00. Few Yield Grade #1 1220-2140 lbs. slaughter bulls 45.25-55.10.

FEEDER CATTLE: Medium Frame #1 400-750 lbs. feeder heifers 44.00-51.50.

CALVES 254. Few Choice vealers 72.50-87.50, few Good 60.00-73, Standard & Good 110-130 lbs. 53.00-60, 70-105 lbs. 42.00-49, Utility 55-85 lbs. 30.00-44.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 65.00-109, mostly 75.00-100.00.

HOGS 175. Barrows and gilts \$2-\$3 higher. US No. 1-2 205-240 lbs.

barrows and gilts 51.80-52.50, No. 1-3 220-285 lbs. 49.10-51.80, few lots No. 1-3 135-195 lbs. 48.00-50.00. US No. 1-3 350-575 lbs. sows 33.00-39.50. Boars 28.00-36.50.

FEEDER PIGS 210. US No. 1-3 20-30 lbs. feeder pigs 18.50-26.50 per head, No. 1-3 30-45 lbs. 24.00-29.50 per head.

SHEEP 4. Few Slaughter ewes 14.50-28.00.

PENNSYLVANIA
MARKETS

DAIRY MARKETS

New Holland Dairy

New Holland Sales Stables

Wednesday, December 21

Report supplied by auction

Reported receipts of 149 cows, 91 heifers, and 6 bulls.

Market steady.

Load of PA Fresh cows 620.00-1260.00.

Load of Canada Fresh cows 600.00-1180.00; springers 550.00-1070.00.

Load of NY Fresh cows 850.00-

1590.00; springers 735.00-1060.00.

Load of PA Fresh cows 550.00-930.00.

Load of PA Fresh cows 470.00-980.00.

Load of PA Fresh cows 570.00-950.00.

Load of Franklin Co. Fresh cows 530.00-810.00.

Locally consigned cows 360.00-1125.00.

Springing heifers 400.00-800.00.

Open heifers 220.00-330.00.

Bulls 470.00-660.00.

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Hay, Straw and Grain Auction Every
EVERY TUESDAY

12:00

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.. There will not be a commission or yardage fee

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RESERVE GRAND CHAMPION CARCASS

237 lbs. 1.3 BF 32.4 Long 6.3 LEA

RESERVE GRAND CHAMPION ON FOOT

251 lbs. 1.1 BF 32.9 Long 6.5 LEA

These individuals were littermates.



Litter 122-8 sired by Chug



Litter 122-6 sired by Chug

Ave. on 6 crossbreds

226 lb. 1.1 BF 31.9 Long 5.45 LEA

CHAMPION HAMPSHIRE CARCASS

213 lbs. 1.0 BF 30.7 Long 5.4 LEA

RESERVE CHAMPION HAMPSHIRE CARCASS

235 lbs. 1.1 BF 32.2 Long 5.1 LEA

Ave. on 6 Hampshires

229 lbs. 1.0 BF 31.8 Long 5.2 LEA

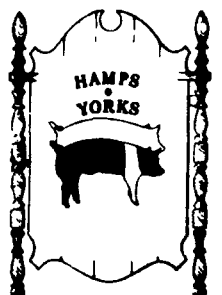
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Location - At Vintage Sales Stables, Inc., 10 miles east of Lancaster, PA on Rt. 30.

Livestock market and auction news

Central U.S. Carlot

Wednesday, December 21
Report supplied by USDA

Compared to Tuesday's 4:00 Report: Steer Carcasses \$1.00-2.00 higher, Heifers \$1.00 higher late. Demand moderate to good, trading light to moderate with packers firm on offerings. The gross boxed beef carcass cutout value advanced \$1.05 to an estimated \$105.04 per cwt, 84 loads boxed cuts report.

Sales reported on 66 loads of Steer and Heifer carcasses.

STEER BEEF

41 Loads

FOB Omaha Basis

Choice 3 600-900 lbs. 100.00-102.00, mostly 101.00, 1.00-2.00 higher.

Choice 4 600-900 lbs. 90.00, 1.00 higher.

Good 2-3 600-900 lbs. 97.00-99.00, late 99.00, mostly 2.00 higher.

Choice 2-3 600-900 lbs. 94.00 (Hols), 1.00 higher.

Good 2-3 600-900 lbs. 89.00-90.00, mostly 90.00 (Hols) 1.00 higher.

FOB Amarillo Basis

Choice 3 600-900 lbs. 101.00.

Choice 4 600-900 lbs. 89.00.

Good 2-3 600-900 lbs. 99.00.

HEIFER BEEF

25 Loads

FOB Omaha Basis

Choice 3 550-700 lbs. 98.00-99.00, late 99.00, 1.00 higher.

Choice 3 500-550 lbs. 94.00 early, steady.

Choice 3 400-500 lbs. 92.00 early, steady.

Choice 4 500-700 lbs. 90.00, 1.00 higher.

Good 2-3 550-700 lbs. 95.00-97.00, late 97.00.

Good 2-3 400-500 lbs. 87.50.

FOB Amarillo Basis

Good 2-3 550-700 lbs. 96.00-97.00.

COW BEEF

9 Loads

FOB Omaha Basis

Prices \$1.00-2.00 higher on cutter, erratic on Boning Utility.

Bng Utility 1-3 400/up lbs. 66.00-73.00 (Midwest).

Canner & Cutter 1-2 350/up lbs. 74.00-76.00 (Midwest).

PRIMAL BEEF CUTS

3 Loads

FOB Omaha Basis

Choice 3: Hinds (H) 120-170 lbs. 108.00.

BONELESS PROCESSING

BEEF/BEEF TRIMMINGS

71 Loads

FOB Omaha Basis

90% Chem Lean Fresh 103.00-106.00.

50% Chem Lean Fresh 44.50-46.00, bulk 45.00.

FOB Amarillo Basis

90% Chem Lean Fresh 106.00.

85% Chem Lean Fresh 97.00.

Compared to Tuesday's 4:00 report: Fresh Pork Loins 14-17 lbs.

firm in light trade. Picnics 4-8 lbs. \$7.00 higher. Spareribs 3.5&down

lbs. steady to \$2.00 higher. Skinned Hams no comparison. Sdls Bellies

14-16 lbs. weak tone indicated. Trade slow for light to moderate

offerings. Demand light to good. Sales reported on 42 loads of

Fresh Pork Cuts plus 7 loads of Trimmings & Boneless Processing

Pork.

FRESH PORK CUTS

LOINS: (Regular) 14-17 lbs. 95.00, firm. (Retail Trim) 14-17 lbs. 107.50, firm.

PICNICS: 4-8 lbs. 62.00, 7.00 higher; 8&up lbs. 58.00.

BOSTON BUTTS: 8/up lbs. 64.00, no comparison.

SPARERIBS (frozen): 3.5/down lbs. 112.00, steady to 2.00 higher; 3.5-5.5 lbs. 94.00.

HAMS (Skinned): 17-20 lbs. 82.50, no comparison; 20-26 lbs. 82.00-82.50, no comparison.

BELLIES (Sdls - Skin On) 14-16 lbs. 53.25, weak; 20-25 lbs. 47.00-48.00, no comparison.

PORK TRIMMINGS/ BONELESS PROCESSING PORK (Chemical Lean)

42% Lean Trimmings Fresh 33.00, 1.00 higher T/Mon.

72% Lean Trimmings Fresh 65.00, 2.00 higher T/Mon.

Bnls Picnics Fresh 64.00-65.75, load 75.00, no comparison.

Belleville Auction

Belleville, Pa.

Wednesday, December 21

Report supplied by PDA

CATTLE 148: Compared with last Wednesday's market,

slaughter cows .25 to 1.50 higher. One Good slaughter steer at 55.50

one Standard at 48.00. One Good slaughter heifer at 52.00. Utility

and Commerical slaughter cows 37.00-41.10, couple 42.60, Cutters 34.00-37.00, Canner & Low cutters 31.10-34.85, Shells down 27.00. Individual Yield Grade #1 900 lbs. slaughter bull at 44.00.

CALVES 184: Few Good vealers 70.00-74.00, Standard and Good 70-100 lbs. 36.00-48.00, Utility 50-80 lbs. 25.00-35.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 80.00-106.00.

HOGS 417: Barrows and gilts 4.25-5.50 higher. US No. 1-2 210-250 lbs. barrows and gilts 51.00-52.35,

No. 1-3 215-260 lbs. 49.50-51.25. US No. 1-3 340-590 lbs. sows 35.00-42.75.

BOARS 26.00-32.25.

FEEDER PIGS 200: US No. 1-3 20-35 lbs. feeder pigs 10.50-19.00 per head, No. 1-3 35-50 lbs. 18.00-33.50,

No. 1-3 50-75 lbs. 33.50-40.50 per head.

SHEEP 1: Not enough for a market test.

HOLSTEIN DAIRY COWS \$500-\$900 PER HEAD, COUPLE \$1000.

Heifers - Choice up to 64.50; Butcher Heifers - Medium - Good 42.00-60.00; Butcher Cows - Utility - Good 35.00-39.00 few to 41.00; Butcher Cows - Canners and Cutters 32.00-37.50; Butcher Cows - Shells 32.00 and down; Butcher Bulls - Medium-Good 45.00-52.50; Stock Steers - Medium-Good up to 63.50; Stock Heifers - Medium-Good up to 49.50.

CALVES: Medium-Good Calves - 160-220 lbs. 80.00-96.00; Medium-Good Calves - 125-160 lbs. 65.00-85.00; Medium-Good Calves - 100-120 lbs. 50.00-70.00; Medium-Good Calves - 80-100 lbs. 42.00-55.00; Holstein Bull Calves up to 95.00; Light and Green Calves down to 20.00.

SHEEP and LAMBS: Medium-Good Lambs 40.00-50.00.

HOGS: Good-Choice Butcher Hogs 190-225 lbs. 46.00-49.00; Good-Choice Butcher Hogs 225-250 lbs. 48.00-49.00; Good-Choice Butcher Sows 400 lbs., up to 38.00; Good-Choice Butcher Sows 400 lbs., up to 37.00; Heavy Boars up to 27.50; Pigs - Per Head 11.00-30.00.

Greencastle Livestock

Greencastle, Pa.

Monday, Dec. 19

Report Supplied by Auction

CATTLE: Butcher Steers - Choice 62.00-66.00; Butcher Steers - Medium-Good 51.00-62.50; Butcher

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(1) IH Farmall C... \$950

(1) Farmall H w/Cultivators... \$950

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w/Loader 3 pt. & PTO... \$8,950

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(1) John Deere 12' RW... \$875

(1) IH 10' Transport Disk... \$450

(1) JD #210 14' Level Action Disc... \$2,950

(1) JD #210 11" Disc... \$2,450

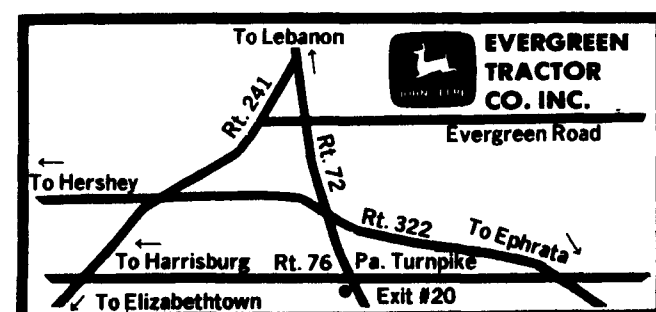
COMING IN...

20.8x34 Direct Axle Duals

IH Grinder mixer, 1 year old

JD 2440, 500 hours

JD 2640 with 146 Loader



Livestock market and auction news

Indiana Livestock Auction

Homer City, Pa.
Thursday, December 22
Report supplied by PDA

CATTLE: 96 Compared with last week's market: Sl. cows 2.00-3.00 higher. Sl. steers: (few) Utility 43.00-47.00. Sl. heifers: (few) Utility 41.00-45.00. Sl. cows: Utility & Commercial 37.75-42.75; Cutters 34.25-38.00; Canner & L. Cutter 29.00-34.50. Sl. bulls: few Yield Grade No. 2 1200-1400 lbs. 41.00-44.00.

FEEDER CATTLE: Steers, (few) Medium Frame No. 1 350-450 lbs. 52.00-55.00. Heifers, Medium Frame No. 1 600-800 lbs. 43.50-48.00.

CALVES: 100. (few) Good 63.00-68.00; Standard & Good 90-120 lbs. 46.00-53.00; 60-85 lbs. 40.00-46.50.

FARM CALVES: Hol. Bulls 90-125 lbs. 55.00-89.00; few Hol.

Heifers 90-115 lbs. 47.50-80.00.

HOGS: 91. Barrows and gilts 3.50-4.00 higher. US No. 1-2 220-240 lbs. 52.75-53.25; No. 1-3 215-240 lbs. 51.00-52.80; Sows US No. 1-3 400-550 lbs. 38.00-40.75; No. 2-3 400-600 lbs. 34.00-37.00.

FEEDER PIGS: 11. One lot US No. 1-3 40 lbs. at 27.00 per head; (few) No. 1-3 70-85 lbs. 36.00-39.00.

SHEEP: 3. (few) high Choice 90-95 lbs. 56.00-58.00.

East Coast Carlot

Wednesday, December 21
Report supplied by USDA

Compared to Tuesday's close: Veal trade rather slow. No sales Prime Special Fed Veal reported. Good and Choice Boning Veal steady to 1.00 higher, instances 2.00 higher. No sales inshipped Veal reported. Lamb trading active early, steady with last test.

VEAL CARCASS

Prime (Special Fed)
220-280 lbs. no sales reported.

Good & Choice
Boning Type
Hide On

Northeastern Suppliers: All steady to 1.00 higher, instances 2.00 higher. 65-75 lbs. 72.00-74.00, few 75.00; 55-64 lbs. 70.00-72.00, few 73.00; 45-54 lbs. 68.00-70.00, few 71.00; 35-44 lbs. 66.00-68.00, few 69.00; 34 lbs. down 64.00-66.00, few 67.00.

Inshipped: No sales reported.

LAMB BEEF

Choice and Prime 3-4
16½ Loads

Compared with last week all steady.

55 lbs. down 130.00; 55-65 lbs. 130.00; 65-75 lbs. 130.00.

Belknap Livestock Auction

Dayton, Pa.

Wednesday, December 21, 1983
Report supplied by PDA

CATTLE 49. Compared with last Wednesday's market; Couple Good slaughter steers 53.25 & 55.00, couple Standard 48.00 & 51.75. One Good slaughter heifer at 50.50. Utility & Commercial slaughter cows 38.00-43.25, Cutters 34.75-38.00, Canner & Low Cutter (few) 28.00-33.00.

FEEDER CATTLE: Few Large #2 660-810 lbs. holsteins 30.00-36.50. Few Medium Frame #1 310-455 lbs. feeder heifers 43.00-49.50.

CALVES 87. One Standard vealer at 61.00, few Standard & Good 90-110 lbs. 45.00-50.00, 65-85 lbs. 37.00-45.00, few Utility 50-70 lbs. 21.00-33.00.

FARM CALVES: Holstein Bulls 95-125 lbs. 50.00-84.00, few Hol. Heifers 95-120 lbs. 49.00-58.00.

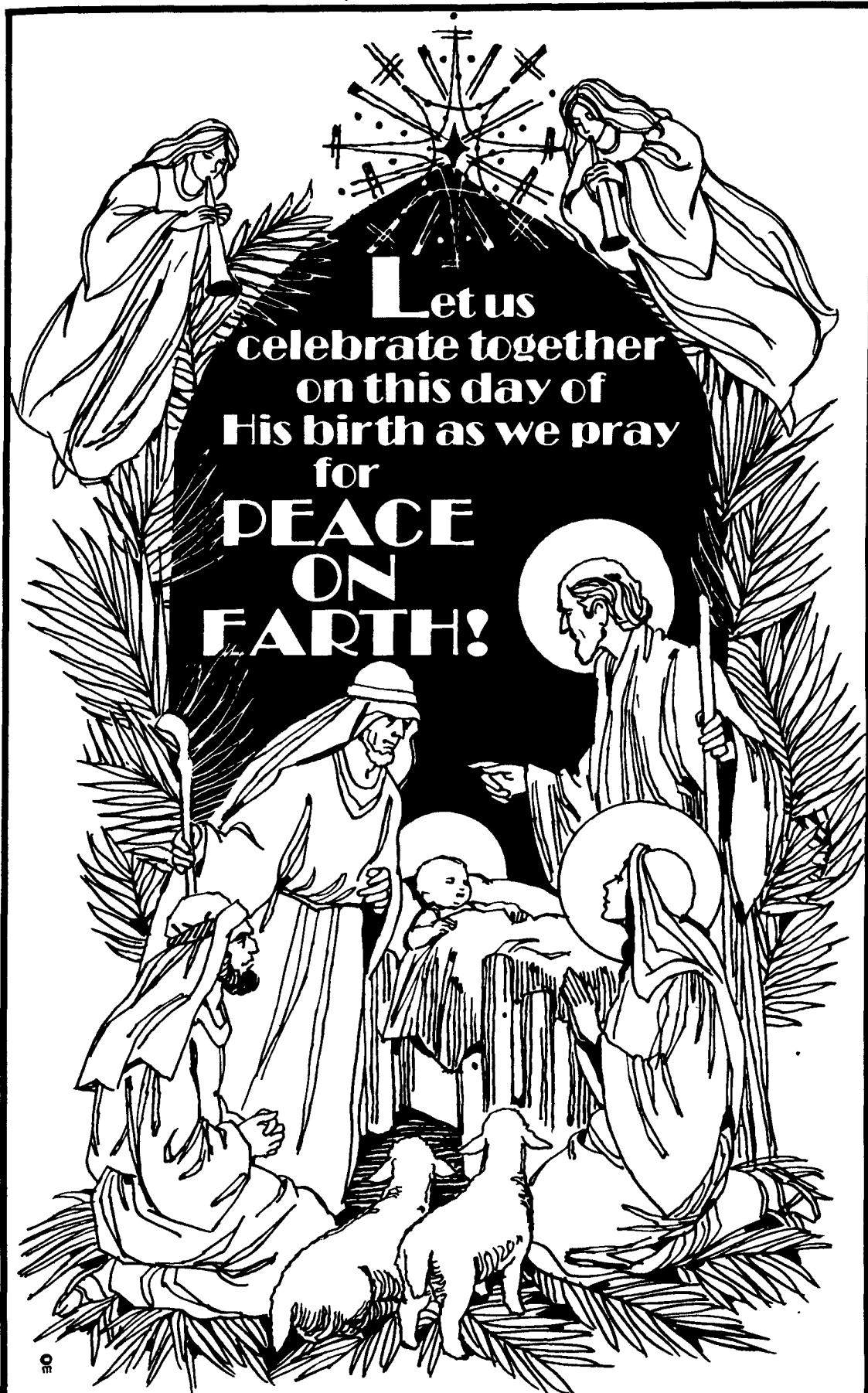
HOGS 155. US No. 1-2 210-250 lbs. barrows and gilts 50.00-51.50, NO. 1-3 225-265 lbs. 50.00-50.50, No. 2-3 220-340 lbs. 48.00-50.00. US No. 1-3 340-480 lbs. sows 35.00-44.00. Boars 25.75-30.00.

FEEDER PIGS 70. US No. 1-3 20-35 lbs. feeder pigs 5.00-15.00 per head, No. 1-3 40-65 lbs. 20.00-29.00 per head.

SHEEP 1. One Choice woolled slaughter lamb at 45.50.

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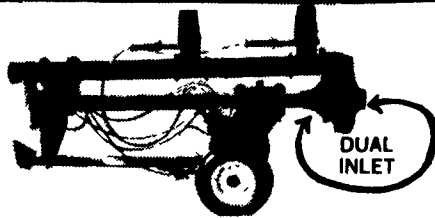
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Livestock market and auction news

Leesport Auction

Leesport, Pa.

Wednesday, December 21

Report supplied by PDA

CATTLE 239: Supply included 57 feeder cattle. Compared with last Wednesday's market, slaughter steers mostly steady. Slaughter cows uneven, mostly steady to 1.00 higher. Few Choice 1200-1265 lbs. slaughter steers 63.00-64.00, few Good 58.00-62.85, Standard 48.50-55.25, few Utility & Low Standard 43.75-45.25. One Choice slaughter heifer at 60.10, one Good 52.35, few Standard 39.50-50.00. Utility & Commercial slaughter cows 37.00-40.00, few 41.00, Cutters 35.00-37.00, Canner & Low Cutters 31.50-34.50, Shells down to 22.00. Few Good & Choice slaughter bullocks 54.50-62.10, few Standard 46.00-51.50. Yield Grade #1 1400-2160 lbs. slaughter bulls 46.50-54.75, mostly 48.00-53.75, few #2 875-1400 lbs. 40.75-46.25.

FEEDER CATTLE: Few Medium Frame #1 350-800 lbs. feeder steers 51.00-55.00, few Large #2 870-950 lbs. 37.25-42.25. One Lot Large Frame #2 490 lbs. feeder heifers at 35.00.

CALVES 120: Vealers 2.00-3.00 lower. Few Good vealers 65.00-85.00, Standard & Good 90-110 lbs. 41.00-46.00, few 50.00, 70-85 lbs. 35.00-43.50, few Utility 95-105 lbs. 35.00-40.00, 60-85 lbs. 25.00-32.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 70.00-103.00, some down to 48.00; few Hol. Heifers 95-115 lbs. 50.00-64.00; few Good & Choice 265-530 lbs. slaughter calves 50.00-70.00.

HOGS 344: Barrows and gilts 4.00-5.00 higher. US No. 1-2 210-245 lbs. barrows and gilts 51.75-52.25, few 53.50, No. 1-3 205-255 lbs. 48.00-52.75, mostly 50.50-52.00, lot No. 2-3 275 lbs. at 45.75, lot No. 1-3 180 lbs. at 42.00. Sows 4.50-7.00 higher. US No. 1-3 300-700 lbs. sows 38.00-43.50, few 46.00, few Medium 280-440 lbs. 37.50-38.25. Boars 27.50-30.00, few light weights 31.25-32.50.

FEEDER PIGS 307: US No. 1-3

20-35 lbs. feeder pigs 83.00-96.00, No. 1-3 35-50 lbs. 56.00-69.00, No. 1-3 55-90 lbs. 53.00-59.00, few No. 1-3 115-135 lbs. 47.00-48.00, lot Utility 60 lbs. at 48.00. ALL SALES PER HUNDREDWEIGHT.

SHEEP 65: High Choice & Prime 35-50 lbs. woolled slaughter lambs 103.00-145.00, 70-110 lbs. 55.00-60.00, few 70.00, Choice (few) 65-120 lbs. 49.00-52.00, few Utility & Good 60-85 lbs. 33.00-41.00. Slaughter sheep 12.00-20.00. **GOATS 14:** Large Adult and Large Kids 35.00-44.00 per head, one Large at 59.00.

Omaha Cattle

Thursday, December 22

Report supplied by USDA

Slaughter Steers and Heifers through midweek 1.00-1.50 higher when compared to last week's closing levels. Buyer demand very good with a stronger beef trade and weather disrupted marketings the major packer incentives. Quality and condition of offerings generally good in light of current

severe weather conditions. A fairly good supply of cows met with good demand as buyers were forced at midweek to buy because of uncertainties in obtaining supplies, again because of severe winter weather conditions. This class 2.00-3.00 higher. Bulls steady to firm.

Steers comprised 48 pct. of the week's receipts. Heifers 30 pct. Cows 10 pct., Feeders 10 pct. Estimated 5 day receipts 9700 compared to actual count of 13486 last week and 11748 last year.

STEERS: Closing sales Choice 2-4 1025-1300 lbs. 64.50-66.00, three loads including some Prime 66.50. Few Choice 2-4 1000-1050 lbs. 63.50-64.50. Mixed Good and Choice 2-3 1050-1150 lbs. 62.50-65.00. Few Good 59.00-62.50.

HEIFERS: Closing sales scattered loads and lots Choice, some Prime 2-4 950-1100 lbs. 63.00-65.00. Few Choice 2-4 875-950 lbs. 60.00-63.00. Mixed Good and Choice 2-3 900-1050 lbs. 61.00-63.00. Few Good 57.00-60.00.

Average of LS-214 detailed quotations for Choice 900-1100 lb. Steers 63.40, 1100-1300 lbs. 65.05. Average cost Steers this week 64.18, average weight 1123 lbs. as compared to 62.34 and 1151 lbs. last week. Average cost Heifers this week 62.56, average weight 992 lbs. as compared to 61.19 and 1008 lbs. last week.

COWS: Breaking Utility and Commercial 2-3 37.00-37.50, few high dressing 38.50. Cutter and Boning Utility 1-3 33.00-35.00, few High Dressing to 37.00. Canner and Low Cutter 28.00-33.00.

BULLS: Yield Grade 1-2 1100-1800 lbs. 40.00-45.00.

Peoria Cattle

Thursday, December 22

Report supplied by PDA

Compared to last week Slaughter Steers 1.00 to 2.00 higher. Heifers 1.00 to 1.50 higher. Cows 2.00 to 3.00 higher. Bulls 1.00 to 2.00 higher.

Trade active Monday, but turned only moderate at best at midweek. Majority of receipts Good and Choice Steers and Heifers with 22% Cows and Bulls. Receipts this week about 1500 as compared to 2097 a week ago and 1807 a year ago.

SLAUGHTER STEERS: Choice 2-4 1050-1250 lbs. 64.00-66.00, bulk 64.00-65.50. 1000-1100 lbs. carrying mud 63.00-64.00. Good and Choice 2-3 1000-1250 lbs. 61.00-64.00. Good 57.50-61.00. Holsteins Good and Choice 2-3 1300-1400 lbs. 54.50-55.00, package standard 1-2 49.50.

SLAUGHTER HEIFERS: Choice 2-4 950-1200 lbs. 63.00-65.00, bulk 63.00-64.50. Good and Choice 2-3 950-1050 lbs. 61.00-63.00. 850-950 lbs. 60.00-61.00. Good 56.00-60.00.

COWS: Breaking Utility and Commercial 2-4 35.00-37.00. Cutter and Boning Utility 1-3 34.00-40.00. Canner and Low Cutter 30.00-36.00.

BULLS: YG 1-2 1400-2000 lbs. 44.00-47.00. 1000-1400 lbs. low yielding 40.00-44.00.

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Livestock market and auction news

St. Louis Cattle

Thursday, December 22
Report Supplied by PDA

Receipts This Week 3,100
Week Ago 4,000
Year Ago 3,400

Compared to the previous week, Slaughter Steers mostly 1.50 higher. Slaughter Heifers 2.00-2.50 higher. Cows 4.00 higher. Bulls 2.00-3.00 higher. Slaughter supply mainly Choice and Mixed Choice and Prime Slaughter Steers, around 25% Heifers and 15% Cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1250 lbs. 64.00-64.50, load and part load 1275 lbs. 1350 lbs. 65.00; 3-4 1150-1275 lbs. 63.00-64.00. Choice 2-4 950-1275 lbs. 62.50-64.00. Mixed Good and Choice 2-3 900-1200 lbs. 61.50-63.00. Good 2-3 900-1175 lbs. 59.50-61.50. Mostly Good 2-3 1050-1300 lb. Holsteins 50.00-57.00. Package mixed good and choice 58.50.

SLAUGHTER HEIFERS: Mixed choice and prime 2-4 900-1100 lbs. 63.50-63.75, part load 64.00, package 64.50. Choice 2-4 850-1050 lbs. 62.00-63.50. Mixed good and choice 2-3 800-1000 lbs. 60.00-62.00. Good 2-3 750-975 lbs. 57.00-60.00.

COWS: (Closing week sales) breaking Utility and Commercial 2-4 36.00-39.00. Cutter and boning Utility 1-2 36.00-39.00. High-yielding boning Utility 1-2 39.00-40.00. Canner and Low Cutter 1-2 32.00-36.00. Shelly Canner 1-2 28.00-32.00.

BULLS: YG 1-2 1100-1800 lbs. 40.00-46.00, closing 42.00-46.00. Couple YG 1 1335 and 1350 lbs. 47.25 and 47.50.

Wednesday's Weekly Sheep Auction. Receipts around 350 head. Slaughter Lambs firm to 2.00 higher. Best demand for lambs over 100 lbs. Supply mostly Slaughter Lambs, Feeder Lambs scarce.

SLAUGHTER LAMBS: Mixed Choice and Prime woolled and shorn with no. 1-2 pelts 90-105 lbs. 52.00-58.50; 105-130 lbs. 60.00-64.00.

SLAUGHTER EWES: Few Good 110-130 lbs. 10.00-11.50.

FEEDERS

(Including around 400 at the regular Thursday auction) Feeder Steers and Heifers mostly steady except Feeder Heifers over 500 lbs. 2.00-3.00 higher. Supply light, mostly Heifers.

FEEDER STEERS

MEDIUM AND LARGE FRAME 1: 400-900 lbs. 56.00-62.00.

FEEDER HEIFERS

Medium and Large Frame 1: 300-500 lbs. 46.00-52.00; 500-700 lbs. 50.00-57.00.

MEDIUM AND LARGE FRAME 2: 300-700 lbs. 42.00-47.00.

Penns Valley Livestock

Centre Hall, Pa.

Tuesday, December 20

Report supplied by auction

Beef Cows: Utility and Commercial 37.75-41.25; Cutters 34.50-37.50; Canners 31.00-34.00; Shells 24.00.

Heifers: Good 52.50-55.75; Standard 49.75-51.00; Commercial 37.00-48.25.

Steers: Good 51.75-55.75; Standard 44.25-50.50.

Bulls: Standard 41.50-47.10.

Veal Calves: Choice 72.00-79.00; Good 61.00-70.00; Standard 45.00-59.00; Utility 35.00-44.00.

Farm Calves: Bulls 64.00-81.00; Heifers 51.00-59.00.

Hogs: 46.50-49.25.

Sows: 35.25-40.75.

Boars: 26.50-29.75.

Shoats: 25-30 lbs. per head 10.00-16.00; 30-35 lbs. per head 17.00-22.00; 35-50 lbs. per head 18.00-26.00.

Goats: per head 20.00-29.00.

Joliet Cattle

Thursday, December 22

Report supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 2,450; 5 days last week 3,044; same period a year ago 2,869. Trading active for the week. Slaughter Steers ended the week 1.50 to 2.50, instances 3.00 higher compared with Wednesday of last week. Slaughter Heifers ended the week

1.50 to 2.50 higher. Cows ended the week steady to 1.00 higher.

SLAUGHTER STEERS: Choice few Prime 3-4 1200-1350 lbs. 66.00-67.00 Monday; 67.00, load 67.50 Wednesday. Choice 2-4 1000-1350 lbs. 63.50-66.25 Monday; 64.00-67.00 Wednesday. Mixed Good and Choice 2-3 950-1250 lbs. 62.00-63.50 Monday; 63.00-64.50 Wednesday. Good 2 1390 lbs. Holsteins 55.00 Monday.

SLAUGHTER HEIFERS: Choice 2-4 900-1100 lbs. 62.50-64.25, load 64.75 Monday; 63.50-65.00 Wednesday. Mixed Good and Choice 2-3 850-1000 lbs. 60.50-62.50 Monday; 61.00-64.00 Wednesday.

COWS: Breaking Utility 2-3 34.00-37.00 Wednesday. Cutter & Boning Utility 1-2 31.00-34.00.

Chambersburg Livestock

Chambersburg, Pa.

Thurs., Dec. 22

Report Supplied by PDA

CATTLE: 246. Compared with last week's market: Sl. cows .25-1.25 higher. Sl. steers: (few) low Choice NO. 2-4, 59.50-62.00; (few) Good 57.75-59.00; (few) Standard 45.60-51.75. Sl. cows: Utility & Commercial 35.50-39.85; Cutters 33.75-37.00; Canner & L. Cutter 30.50-33.75; Shells down to 25.00.

CALVES: 350. Couple Choice 82.00-85.00; (few) Good 55.00-71.00; (few) Standard & Good 105-120 lbs. 50.00-55.00; 70-100 lbs. 42.00-50.00; Utility 60-85 lbs. 30.00-44.00.

FARM CALVES: Hol. Bulls 90-95 lbs. 50.00-65.00; Hol. Heifers 100-120 lbs. 65.00-97.00.

HOGS 23. US No. 1-3 280-565 lbs. 35.00-40.00. Few Boars 30.00-31.25.

FEEDER PIGS 39. (few) US No. 1-3 15-25 lbs. 8.00-16.00 per head.

SHEEP: 15. Woolled sl. lambs (few) Choice 35-110 lbs. 54.50-59.00.

Weekly Summary

Fri., Dec. 23

Report Supplied by PDA

CATTLE: 5595. Compared with 6589 head last week, and 3189 head a year ago. Compared with last week's market: Slaughter steers steady to 1.00 lower, spots 2.00 lower; Sl. heifers & bullocks .50-1.00 higher; Sl. cows mostly steady to 1.00 higher; Sl. steers: High Choice & Prime No. 3-4, 64.00-66.60; Choice NO. 2-4, 62.00-67.25; Good 55.00-62.50; Standard 47.00-56.00. Sl. heifers: Choice 59.00-64.25; Good 52.00-59.00; Standard 45.00-52.00.

Sl. cows: Utility & Commercial 37.00-41.50; Cutters 34.00-37.50; Canner & L. Cutter 28.00-34.85; Shells down to 20.00. Sl. bullocks: Choice 58.00-62.00; Good 54.00-59.00; (few) Standard 46.00-51.50. Sl. bulls: Yield Grade No. 1, 1000-2100 lbs. 45.00-55.50; Yield Grade No. 2, 900-1375 lbs. 40.00-46.00.

FEEDER CATTLE: Steers, Large Frame No. 2, 600-950 lbs. 30.00-42.25; Medium Frame No. 1, 325-800 lbs. 49.00-55.00. Heifers, Medium Frame No. 1 300-700 lbs. 43.00-51.00.

CALVES: 4111. Compared with 4401 head last week and 2867 head a year ago. Vealers steady to 5.00 higher. Choice 80.00-96.00; Good 60.00-80.00; 110-130 lbs. 53.00-65.00; 90-110 lbs. 42.00-51.00; 65-90 lbs. 37.00-45.00; Utility 50-110 lbs. 25.00-41.00.

FARM CALVES: Hol. Bulls active. Hol. Bulls 85-130 lbs. 50.00-109.00, mostly 60.00-85.00; Hol. Heifers 90-139 lbs. 44.00-64.00.

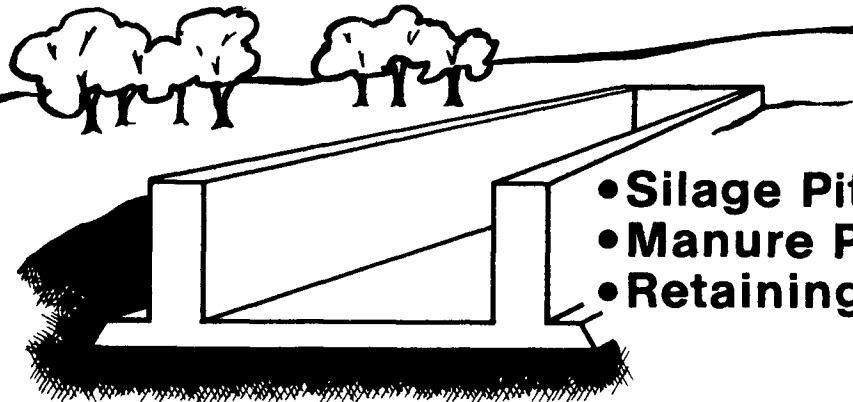
HOGS: 8868. Compared with 7401 head last week and 5950 head a year ago. Barrows and gilts strong to 3.00 higher. US No. 1-2 200-245 lbs. 51.00-53.00 No. 1-3 200-250 lbs. 48.00-51.50; No. 2-3 200-275 lbs. 45.00-48.00; No. 1-3 140-190 lbs. 37.00-45.00; Sows steady to 2.00 higher. US No. 1-3 300-585 lbs. 33.00-44.00; No. 2-3 300-650 lbs. 30.00-36.00. Boars 25.00-34.00.

FEEDER PIGS 1273. Compared with 1037 head last week and 1286 a year ago. 5.00-10.00 higher. US No. 1-3 20-35 lbs. 8.00-20.00 per head; No. 1-3 35-50 lbs. 20.00-36.00; No. 1-3 50-85 lbs. 33.00-46.00.

SHEEP: 2063. Compared with 1193 head last week and 968 head a year ago. Steady to 3.00 higher. High Choice & Prime 75-110 lbs. 60.00-68.00; Choice 60-110 lbs. 49.00-61.00; Good 50-85 lbs. 42.00-56.00; Utility 45-75 lbs. 33.00-41.00. Sl. ewes: 12.00-26.00.

3 GRADED FEEDER PIG SALES: 2040. Compared with 2559 head last week, and 2503 head a year ago. All sales by CWT. Feeder Pigs steady to 8.00 lower. US No. 1-2 25-40 lbs. 70.00-91.00, 40-50 lbs. 60.00-75.00, 50-60 lbs. 57.00-70.00, 60-85 lbs. 46.00-60.00; US No. 2-3 30-60 lbs. 45.00-57.00.

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In wake of recent semen thefts

Md. State Police list farm security plan

WESTMINSTER, Md. — In the wake of the recent theft of some \$100,000 in bull semen from farms in Carroll County, Maryland State Police have devised some important security measures to help safeguard such valuable property.

With such a high value and an easy market for stolen semen, both in this country and abroad, the

Maryland State Police emphasize that special concern should be shown by farmers to secure this valuable property.

To help farmers, the Crime Prevention Unit and Criminal Section of the Westminster Barrack of the Maryland State Police have developed a four-point program for the security of items such as semen.

These four points, which each farmer is urged to review and implement in the overall security program of the farm, include:

(1) Record Keeping - As in any business, proper inventory control is essential. Keeping proper records of semen supplies, recording stock numbers, making periodic checks of supplies (twice weekly is suggested), and noting

and reporting any unexplained losses are important.

(2) Operation I.D. — Operation Identification (marking of valuables) is an important part of a resident and community security program, and so should it be with the farm. Proper identification marks and labeling of canisters and tanks not only discourages

theft, it aids in recovery and prosecution. Markings can be made by electric engravers, stamps, etc. with the farmer's driver's license number being the preferred marking.

(3) Secure Area - In the home, a resident can set up what is called a "security closet". A place where a closet in the home or farm building is turned into a place for valuables by installation of a solid door, deadlock and pinned hinges. The farmer realizes that a farm is one of the hardest things to secure, but if one area is set aside and that area is adequately secured, it can be a storage closet for the farmer's valuables.

The room or building should be of good construction (that which discourages forced entry). If needed, steel rods can be welded to form a jail construction for added security. Proper dead bolt locks, pinned hinges, and solid doors should be installed. This adds to the time and noise needed for the criminal to break in, and the criminal is always worried about time and noise.

(4) Employee Checks - In a lot of cases, a farmer will only have a few trusted and longstanding employees. But in some cases, a farmer will have transient employees and special care must be taken in keeping them from sensitive areas of security. You should do some background checking of references they give to insure that you are not placing your farm assets in the hands of someone not worthy of your trust.

If a farmer will take the time to address these four areas of security, State Police say, he will not only lessen the opportunity for himself to become a victim, but he will have peace of mind to know that what he has worked for all his life is secure.

More detailed information or information on other farm security should be sought by contacting the local law enforcement agency crime prevention unit.

Groups support ag cargo decision

WASHINGTON, D.C. — Farm commodity and agribusiness associations have filed with the U.S. District Court here a joint "friend of the court" brief supporting an Administration decision not to apply "cargo preference" provisions to the government's farm export "blended credit" program, according to Gary D. Myers, president, The Fertilizer Institute, one of the petitioning organizations.

The group action, Myers said, responds to a suit filed by U.S. maritime interests seeking to

require that 50 percent of such farm exports be moved in U.S. flag vessels. The suit, filed Oct. 14 by the Transportation Institute and Seafarers International Union, holds that the U.S. Department of Agriculture's "blended credit" farm export program is subject to provisions of the 1954 Cargo Preference Act, a contention with which the Administrator of the Maritime Administration, and the U.S. Secretaries of Agriculture and Transportation disagree.

"The problem," says Myers, "is that adherence to use of costly U.S.

shipping for 'blended credit' ag exports would scuttle the program's objective of boosting U.S. farm product shipments abroad, and do little to assist U.S. maritime interests."

The USDA export program "blends" Commodity Credit Corporation (CCC) loan guarantees to countries purchasing U.S. farm products with a second program that allows CCC loans at minimum or no interest rates.

"Use of U.S. flag ships for farm exports tacks on an added 100 to

300 percent to the cost of such shipments, a cost that totally negates the edge which the blended credit program now gives U.S. farm commodities in the world market," Myers contended. The added shipping cost would be prohibitive for other farm products, such as poultry, as well, he said.

Currently, he added, the blended credit program is stimulating \$1.75 billion in added agricultural exports, an essential boost to the U.S. agricultural economy. Each \$1 billion in ag exports results in employment of 30,000 Americans, he said. "Application of cargo preference to these exports would destroy the program, and the benefits to agriculture and the overall economy," he added.

Other organizations sponsoring the petition are American Soybean Association, Florida Phosphate Council, Grain Sorghum Producers Assn., National Association of Wheat Growers, National Broiler Council, National Corn Growers Assn., National Cotton Council of America, National Council of Farmer Cooperatives, National Forest Products Assn., National Grain Trade Council, National Grange, National Soybean Processors Assn., National Sunflower Assn., North American Export Grain Assn., Protein Grain Products International, Rice Millers Assn., and Terminal Elevator Grain Merchants Assn.

PFA asks drilling bill changes

CLEARFIELD — Legislation which would strengthen environmental safeguards in gas and oil well drilling should be clarified to protect farmers from unfair liabilities, according to the Pennsylvania Farmers' Association (PFA).

Russell Orner, of R1, Rockton, a spokesman for the statewide farm organization, told a hearing of the House Conservation Committee in Clearfield that PFA endorses the overall anti-pollution goals of H.B. 302 and 570 but recommends amendments to protect landowners from clean-up costs if they weren't responsible for the damages.

PFA recommends that the definition of a liable gas or oil well owner contained in the House bills be amended to exempt landowners who did not participate or incur costs in the drilling/extraction operation and who had no control over the drilling or extraction operation.

Under the proposed legislation, PFA believes that landowners who bought or inherited land with

abandoned uncapped oil or gas wells would be liable for the costs of plugging them which could total several thousands of dollars each. The Citizens Advisory Council of the Department of Environmental Resources believes there may be as many as 500,000 abandoned oil and gas wells in Pennsylvania.

In addition, under the definition of liable owner contained in the House legislation, a farmer who receives just a small consideration for drilling rights, such as fuel for residential use, would also be liable for the costs of plugging wells or restoring drilling sites.

With changes to protect farmers who have no control or substantial interest in drilling operations, PFA

supports passage of H.B. 302 and H.B. 570. Orner told committee members, "The maintenance of environmental quality and safety in oil and gas well drilling and extraction operations is important to Pennsylvania agriculture, as many wells presently exist on our state's farmland. Slipshod operations polluting surrounding water supplies and land not only can financially ruin a farmer's business but also can destroy the scenic beauty in rural areas. We recognize that much more comprehensive legislation is needed than that existing under present law to regulate the potentially adverse effects of pollution in oil and gas well operations."

Md. issues

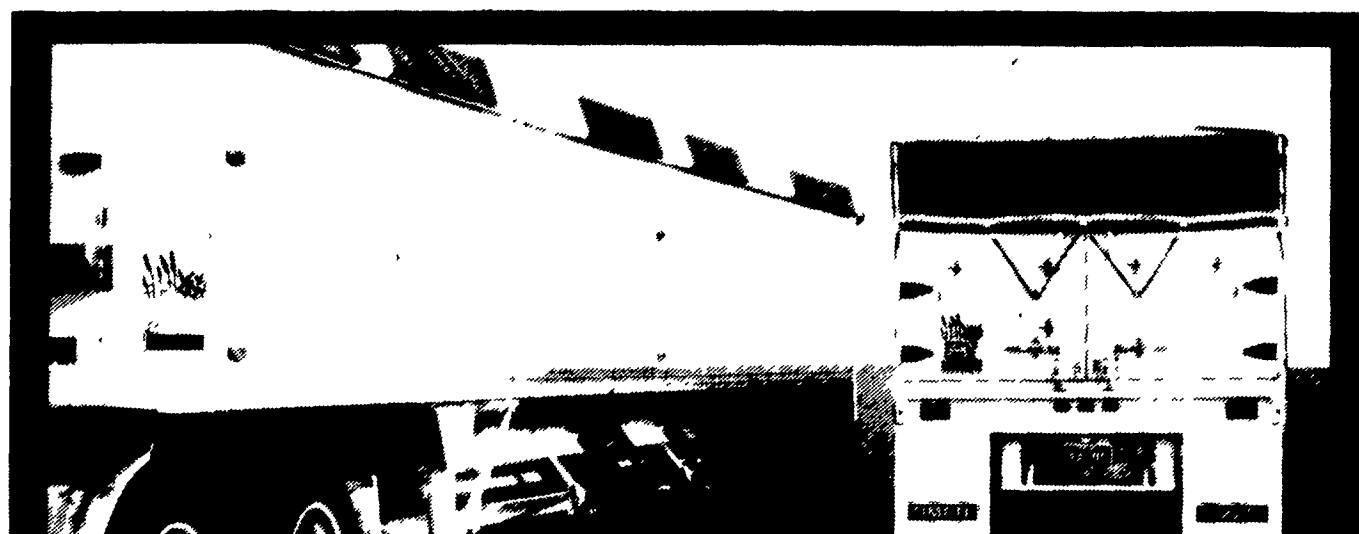
hay directory

ANNAPOLIS, Md. — If you are a farmer, you may need extra hay and straw to get your livestock through this winter. If you are a contractor, you probably need a lot of straw for berms. If you keep horses, you always need hay and straw...and, if you are a gardener, you might be looking for mulch material these days.

One common problem for all of the above is the tight supply of hay and straw caused by the drought of 1983. This is where the Marketing Services Section of the Maryland Department of Agriculture may help.

Thomas Butler of MDA has just compiled a statewide directory of some 63 Maryland farmers in 17 counties who have supplies of hay and straw for sale.

You can secure a copy of the directory by sending a 20-cent postage stamp and your complete address to: Hay and Straw Directory, Marketing Services Section, Maryland Department of Agriculture, 50 Harry S. Truman Parkway, Annapolis, Maryland 21401.



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Is bad press on dairy bill justified?

CORNING, Ia. — Dairy farmers have been subjected to ridicule by media editorialists ever since the dairy compromise bill was signed into law by President Reagan.

Editorialists have speculated on what they themselves might "not do" and be paid by the government for not doing it, says a spokesman for the National Farmers

Organization. What they apparently do not realize, or choose to ignore, is that the dairy program is financed primarily by the dairymen themselves and that the American taxpayers will save \$2.3 billion under the revised program in 1983-84 from what they paid in 1982-83.

Incentive payments to farmers

are not a new concept in government programs. It has been done for many years in crop farming when farmers are paid to idle land for a season. The difference is that dairy farmers are taxed on the milk they do produce to help pay for the government costs of the program. And they will operate under very strict rules when they

enter the program with cutbacks based on 1981-82 production.

All figures on production and costs are estimates but government costs for 1982-83 are estimated at \$2.5 billion (purchase of "surplus" dairy products). Those purchases will drop to \$166 million in 1983-84.

Incentive payments to farmers

will run about \$663 million but taxes on milk sold by dairymen will amount to about \$626 million for a total government outlay of about \$38 million.

Thus, the total government outlay is expected to be about \$194 million.

The figures note production is expected to drop 13 billion pounds, from 136 billion to 125 billion pounds with purchases by the government dropping from 14-16 billion pounds in 1982-83 down to 1 billion pounds in 1983-84. Commercial sales of dairy products by processing plants (not sold to the government) are expected to rise from 121 billion pounds in 1982-83 to 124 billion pounds in 1983-84.

All Breeds

Sheep Club

The December meeting of the All Breeds 4-H Sheep Club was held recently at the Kesty Home in Hampton. Members exchanged gifts and brought refreshments for the Christmas party portion of the meeting. Laura Menard discussed Ketosis, a sheep pregnancy disease, with the group. Plans were made for their 1984 Window Display entry. The group will hold their next meeting at the Tropeano home in Annadale on Jan. 7 at 3 p.m.



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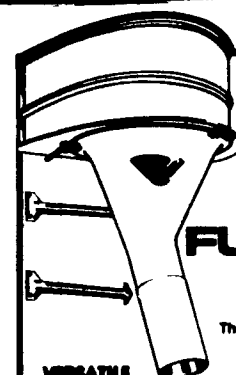
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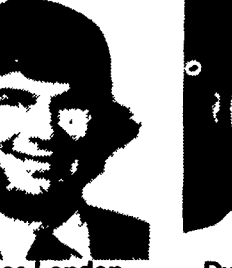
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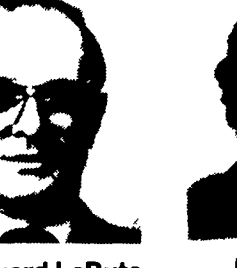
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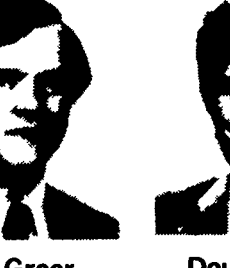
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Dairymen get details on cutting production

Dairy Opportunity Program Worksheet

Prepared by: John Mengel, economist, National Milk Producers Federation.

Use this worksheet to help decide whether you should participate in the dairy opportunity program.

Changes in cash receipts:

- (1) Incentive payment (\$10.00 per hundredweight for the volume of milk you are planning to reduce from your base) +\$ _____
- (2) Increased beef income (additional culled animals) +\$ _____
- (3) Increased sales of home-grown feed (grain, silage, etc.) +\$ _____
- (4) Increased interest income (if the incentive payment is invested, it will add to income) +\$ _____
- (5) Reduced milk income (the difference between the amount of milk you would have sold had you not participated in this program multiplied by your average farm price less the 50-cent assessment) -\$ _____
- (6) Reduced veal sales (a reduced herd size will likely mean reduced calf sales) -\$ _____
- (7) Reduced animal depreciation (some cows may be culled before they are fully depreciated, if so, deduct only tax savings lost) -\$ _____
- (8) Total change in cash receipts \$ _____

Changes in cash expenses:

- (9) Reduced replacement cost (normally 3 or 4 of each 10 cows are replaced in a 15-month period. Reducing the milking herd reduces number of replacements) +\$ _____
- (10) Reduced feeding expense (include all the grain, supplement, hay and silage you would have purchased to feed extra animals during the 15 months) +\$ _____
- (11) Reduced Veterinary expense (estimate your average annual cost per cow for breeding, medicine and other health costs and multiply by the reduced number of cows, then multiply by 1.25 to represent 15 months savings) +\$ _____
- (12) Reduced hauling and marketing expense (hauling and marketing charges multiplied by your reduced marketings for 15 months) +\$ _____
- (13) Reduced hired labor +\$ _____
- (14) Reduced miscellaneous costs (fewer animals means less supplies, testing, bedding, utilities, repairs, etc.) +\$ _____
- (15) Reduced interest expense (if the incentive payments are used to pre-pay debts, you will have an interest savings) +\$ _____
- (16) Increase replacement cost (if you intend to increase your herd at the end of the program, you will have to buy or raise the replacements) -\$ _____
- (17) Total change in cash expenses \$ _____
- (18) NET GAIN OR LOSS (add lines 8 and 17) \$ _____

If line 18 is positive, it would be to your advantage to participate in the Dairy Opportunity Program

BY TRISH WILLIAMS
LANCASTER — Dairymen faced with an increasingly burdensome milk surplus turned out in large numbers Tuesday at the Farm and Home Center to learn more about the dairy program that encourages dairymen nationwide to reduce milk production.

Two informative sessions on the new bill were organized by Lancaster County Extension Dairy Agent, Glenn Shirk. Shirk said the meetings were designed to help inform dairymen of the various provisions of the bill in order that they can make a more informed decision, as to whether to participate in the milk diversion program.

A panel of three experts on the dairy program presented facts and figures to aid dairymen in the decision-making process. Panel members included: Steve Kehr, legislative assistant to Congressman Jeffords, senior member of the House Ag Committee, who helped to write the new dairy bill; Ray Brubaker, director of the Lancaster ASCS office, the agency responsible for

administering many of the provisions of the bill; and Dick Dennison, a farm management consultant for Pennsylvania Farmers Association. Dennison has developed a worksheet for dairymen to determine the relative profitability of various levels of participation in the diversion program.

Kehr, who was a herdsman for several dairies in Vermont before taking his position in Washington, said, "It's extremely important that we get a high level of participation in this program for several reasons. We have a serious surplus problem that is going to get worse if we are not careful. We were lucky to have passed this bill, as imperfect as you might think it is. The forces that are already against it are determined, I think, to take the dairy bill apart and eliminate it."

"If we don't get a high level of participation, we are afraid Congress might conclude that dairy farmers are not very concerned about the surplus or taking action to get rid of the surplus," he continued.

(Turn to Page A24)

Dairy program facts

The new dairy program has three parts: a milk diversion program, a milk promotion program and a series of standby support price cuts.

The milk diversion program will require participants to do certain things that dairymen should understand before entering a contract to reduce production. Listed below are 10 major points of the new dairy program.

1.) As there was with the PIK program, there will be a signup at county ASCS offices. The signup period will begin sometime in mid-January and will end Jan. 31, 1984.

2.) Participants will sign a contract that binds them, during the period of Jan. 1, 1984, to March 31, 1985, to produce no more than 70 to 95 percent of what they produced during a base period. Within the range of 5 to 30 percent, a dairyman must choose just how much he wishes to reduce his production below his base.

3.) The "base year" will be either the participant's production in calendar year 1982, or the average production for calendar years 1981 and 1982. In calculating the "calendar year production," add monthly production for January through December and, to that amount, add again the production for January, February and March of the same year. This sum will equal the 15 month base to correspond with the 15 month diversion contract. Participants have the option to use the milk marketed in 1982 or the average of the milk marketed in 1981 and 1982, whichever is most advantageous. ASCS is requiring shipping receipts or check stubs for verification of milk production during the base period.

4.) Under this contract, the participant will receive \$10 per hundredweight for the milk that they do not produce. Participants may apply for payment at the end of each quarter. To determine if the contracted reduction has been achieved, the ASCS will compare the dairyman's production for the quarter just past to his production during the corresponding quarter of his base period. It is not necessary to make the contracted reduction each and every quarter; however, by the end of the 15 month period, production must be reduced by the total amount agreed to in the contract.

5.) Reduction in production may be obtained in any way, so long as the amount of milk shipped off the farm is no more than what was agreed to be shipped in the contract. If production is achieved by culling cows, please note, the contract restricts what can be done with them. Any cow that can be milked during the period Jan. 1, 1984 to March 31, 1985, cannot be sold to anyone who does not participate in the diversion program and is in a position to milk it. This restriction applies to all transfers made on or after Nov. 8, 1983. Be sure to get and save receipts to prove where the cows have gone.

6.) The Secretary of Agriculture will have the authority to reduce the contracted rate of reduction if he feels that farmers have nationally offered too great a reduction.

7.) All contracts will have a 3 percent leeway on both sides of the contracted percentage, but no reduction can be less than 5 percent and no payment will be made for more than 30 percent of the participant's base.

8.) The bill eliminates the second 50 cent assessment (the one that started on Sept. 1, 1983) on Dec. 1 and reduces the support level by 50 cents per hundredweight on the same date. The first 50 cent assessment will run with the diversion program, to help pay for its cost. The assessment will end on March 31, 1985. Finally, two price cuts are available to the Secretary on April 1 and July 1, 1985, if milk production is still excessive.

9.) Dairymen who may be considering going out of business, are being encouraged to do so during the 15 months of the diversion program. The law does not prohibit a producer from going out of business and collecting up to the full 30 percent diversion payment authorized under the legislation, provided that he disposes of his herd consistent with paragraph five.

10.) Finally, the bill establishes a national promotion program. All farmers in the contiguous 48 states will pay 15 cents per hundredweight of milk marketed. Credit (up to 10 cents per hundredweight) will be granted for contributions already being made to state and regional programs. The balance will be forwarded by milk handlers to USDA where it will be jointly managed by the Secretary of Agriculture and a 36-member board of dairy farmers. The promotion deduction is not expected to begin until May 1, 1984.

Calculating level of participation

The milk diversion program provides that payment of \$10 per cwt. will be made to producers for reduction of milk marketed during Jan. 1, 1984 through March 31, 1985 compared to a marketing history. Calculate your marketing history on this worksheet.

Marketing History: At your option your marketing history will be based on: (A) Milk marketed during calendar year 1982, or, (B) Average of milk marketed during calendar years 1981 and 1982.

To calculate your marketing history for the 15 months of the program the first quarter is used twice.

	Option A 1982 (pounds)	Option B (1981+1982) - 2
Add: 2 x 1st quarter	_____	_____
2nd quarter	_____	_____
3rd quarter	_____	_____
4th quarter	_____	_____
15 month base	_____	_____

You should choose the higher of option A or option B for your marketing history.

Target Marketing: The target marketing level is the volume of milk that you can market if you are going to participate in the program at a particular level. The higher the participation level the lower your target marketings will be.

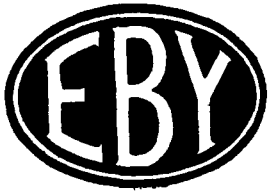
Calculation of target marketing level for various levels of participation in the 15-month milk diversion program (January 1, 1984 - March 31, 1985).

Participation Level	Allowed Marketings	X	Marketing History	=	Target Marketing During Diversion Period
pct.:	pct.		pounds		pounds
5%:	95%	X	_____	=	_____
10%:	90%	X	_____	=	_____
20%:	80%	X	_____	=	_____
30%:	70%	X	_____	=	_____
Other %:	%	X	_____	=	_____

Incentive Payment: The incentive payment is the total payment you will receive for complying with the contract. Payments will be made after each quarter to those producers complying with the contracted reduction. Quarterly payments are preliminary with the final payment at the end of the program being a final settlement for the total reduction.

Calculation of incentive payment for various levels of participation in the 15-month milk diversion program (January 1, 1984 - March 31, 1985).

Participation Level	X	Marketing History	X	\$10.00 per cwt.	=	Incentive Payment
pct.		pounds				dollars
5%	X	_____	X	\$10.00	=	_____
10%	X	_____	X	\$10.00	=	_____
20%	X	_____	X	\$10.00	=	_____
30%	X	_____	X	\$10.00	=	_____
Other %	X	_____	X	\$10.00	=	_____



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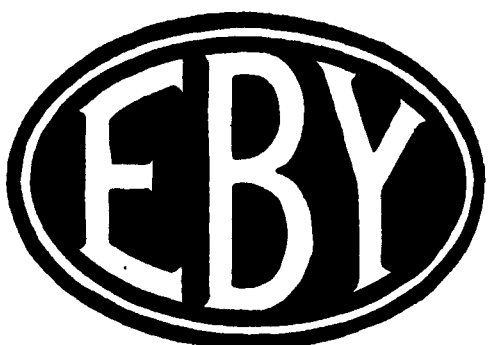
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Dairy production cut details

(Continued from Page A22)

He encouraged all dairymen who thought the diversion program would work for them to participate, stressing the importance of individual participation to the dairy industry as a whole.

Producers who do sign a contract to reduce production from 5 to 30 percent will receive incentive payments of \$10 per cwt. (For more information on the provisions of the bill see related article, Facts on Dairy Program.)

Contracted producers are given a three percent leeway on the agreed amount of reduction. But cannot go below five percent or above 30 percent. There is no penalty for reducing by more than the amount contracted.

There are, however, strong penalties for producers who produce more milk than they contracted for. A producer must pay back all the money the government fronted him in quarterly payments, with interest. In addition payment must be made for the amount of milk produced in excess of the contract at current support prices.

"Quite frankly," said Kehr, "if I was considering contracting for the full amount I would contract for 27 percent, then I would still be eligible for payment of the maximum allowable 30 percent."

Kehr said the government is now estimating that between 25 to 75 percent of dairymen will participate in the milk diversion program.

"If we get 50 percent of the dairymen reducing their

production by 20 percent it would result in a reduction of 10 percent nationally," said Kehr. "That would be perfect."

I don't know if there are too many dairymen in the United States, said Kehr, but there are definitely too many cows.

"The program encourages you to get out of the business, to put it bluntly," said Kehr. "You can sign a contract one day and the next day sell all your cows, and as long they were sold within the limits of the law, you could go to the ASCS office quarterly and receive your incentive payments."

Ray Brubaker informed the crowd that the specific regulations for participating in the milk diversion program are now being written by ASCS officials. They are expected to be completed by the end of the month. State officials will meet in Texas the first week of January to learn how to conduct the program.

ASCS offices will not be accepting contracts until mid-January, according to Brubaker. The deadline for signup is January 31, allowing only two weeks to get signed up.

Dairymen will also need to present a "plan of reduction" when they contract, said Brubaker. The plan should include the number of cows normally culled, and the number to be culled under the program.

Brubaker said, ASCS is now accepting and encouraging dairymen to register their base production. Only milk shipping receipts and milk check stubs will be accepted for verification.



Dick Dennison, right, answers a dairyman's question relating to the probable profitability of the participating in the milk diversion program. Panelists, Steve Kehr, center, and Ray Brubaker also took part in the discussion.

Shirk cautioned dairymen who might be considering culling cows to reduce production to check first with their lenders, if the cattle are used as equity for the loan.

Shirk distributed to the crowd two worksheets, one he had developed and one developed by

Dick Dennison. The worksheets are designed to help farmers determine the reduced costs of production by culling cows and to calculate the amount of the incentive payment they would receive by lowering production. The bottom line shows a dairyman

if it would be profitable for him to participate in the diversion program.

A similar worksheet prepared by the National Milk Producers Federation, that is more concise, is presented in this issue in a related article.

USDA seeks promotion proposals

WASHINGTON, D.C. — The U.S. Department of Agriculture will accept proposals until Jan. 6 for a national dairy products promotion, research and nutrition education program.

Edward T. Coughlin, dairy official with USDA's Agricultural Marketing Service, said the program would be funded by a mandatory 15-cent per hundredweight assessment on all milk marketed by dairy farmers in the contiguous 48 states. It is authorized in the recently enacted

Dairy and Tobacco Adjustment Act of 1983.

USDA is also asking for opinions on whether it would be advisable to hold a public meeting to provide an opportunity to discuss the proposals, Coughlin said. The meeting would be held during a public comment period.

Four copies of any proposal submitted should be sent to the Deputy Administrator for Marketing, AMS, USDA, Washington, D.C. 20250. Further information can be obtained from Clayton Plumb, AMS, USDA, Washington, D.C. Phone: (202) 447-6274.

Broiler chicks drop 28%

HARRISBURG — Placements of broiler chicks in the Commonwealth during the week ending Dec. 10 were 1,588,000, 8 percent below the previous week and 28 percent below the corresponding week a year earlier. Average placements during the past 9 weeks were 19 percent below a year ago. Settings for broiler chicks were 2,158,000, 3 percent below the previous week and 24 year earlier. The current 3-week total of eggs set is 23 percent below

total of eggs set is 23 percent below the comparable period a year ago.

Placements in the 19 major states were 79,613,000, 2 percent below the previous week and 1 percent below the same week a year earlier. Average placements during the past 9 weeks were 1 percent below a year ago. Settings were 99,021,000, 1 percent below the previous week and 1 percent below the same period a year earlier. The current 3-week total of eggs set is 1 percent above the comparable period a year ago.

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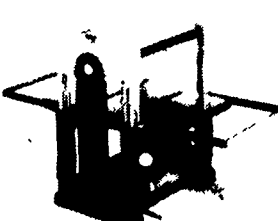
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Troop gets Chester conservation award

BY TED TEAFORD

HONEYBROOK — An excellent combination of soil conservation and manure management is how Harold Kulp, president of the Chester County Conservation District, described the efforts of dairyman Harry Troop, recipient of this year's county conservation award.

Troop was presented the award at the Conservation District's annual banquet held here Dec. 15 at the Old Maple Inn.

In his Cochranville farming operations, Troop uses a dry manure storage building. The facility is enclosed and has a roof to repel the rain water. Pipe outlet terraces have also been installed to help keep the topsoil on the farm.

Troop was the recipient of the Lancaster County conservation award in 1983, attesting to his long term commitment to conservation.

Honorable mention awards were also given this year due to increased competition. The winners were: John S. Stoltzfus, Atglen; Willis and Dennis Bust, Cochranville; Charles Gable, Elverson; and Byron Hawthorne, Coatsville. Each used a combination of strip, contour plowing,

terracing and waste management.

Marshall Haws, executive conservationist, said that solid waste and storm water management were fast developing concerns in this suburban setting. Marsh ponds and lagoons have a bright future in the "on site" treatment of sewage from multi-family units, he said. These systems are far less costly to install and operate and give nearly the same end product.

Shopping mall and housing developments provide a special problem in dealing with storm water and its flow, Haws said. However, the conservation board and contractors have worked together to minimize the effects of this run-off.

The recent record rainfall is a reminder that soil erosion and runoff can be a serious problem. Elbert Wells, district conservationist for the Soil Conservation Service, stated that when considering the saturation level of the soil, the rains had the effect of a 100-year storm.

When planning waterways, terraces and diversions, keep in mind that it is better to be prepared for the worst, than

having done too little, Wells added.

Jenny Russel of the conservation board recapped the years progress and noted that acreage under no-till and minimum till in the county had increased as did the useage of contour and strip plowing. Fifteen new animal waste storage facilities were constructed last year, she added.

Russel said, she looks toward the future with enthusiasm, to helping farmers with conservation problems and needs, such as terracing and manure management. She will also be working with townships to help them resolve conservation problems.

More work is slated on the study of acid rain and spray irrigation of sewage sludge, Russel concluded.



Harry Troop, left, is presented the 1983 Conservation Award by Harold Kulp, president of the Chester Co. Conservation Board.

Economic loans resumed

WASHINGTON, D.C. — The U.S. Department of Agriculture's Farmers Home Administration distributed new regulations to its field offices so the agency can resume making economic

emergency loans.

Charles W. Shuman, administrator of the Farmers Home Administration, said when the program begins again, the agency is authorized to lend a total of \$600

million in direct and guaranteed loans to farmers and ranchers suffering economic stress caused by the cost-price squeeze.

The loan program, first authorized in 1978, expired in September, 1981 after more than \$6.6 billion had been loaned. It is being reopened for the 1984 fiscal year under order of the U.S. district court in Washington, D.C.

Economic emergency loans are authorized for farmers and ranchers who are directly and primarily engaged in, and expect to continue in, agricultural production; are unable to get sufficient credit from their regular lenders, and need credit to maintain viable farming operations. USDA can loan up to \$400,000 to any one borrower under the economic emergency program.

Among the permitted use of loan funds are financing 1984 crop production; purchasing essential livestock, feed and equipment; paying delinquent installments on farm and real estate debts if a lender is demanding payment.

The economic emergency loan program should not be confused with the disaster emergency loan program, which is limited to helping farmers continue their operations after suffering production or physical losses as a result of a natural disaster.

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background, combined with years of banking experience. Our special understanding means that loan decisions are made quickly, right in your local office.

Along with the personal attention we'll give you, American Bank has the resources you need.

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Keeping mastitis in check nets 96,000 SCC

BY TRISH WILLIAMS

QUARRYVILLE — Improving the quality of nature's most nearly perfect food, milk, is no an easy task. Yet dairymen have been striving for years to get richer tasting, higher quality milk, and doing it with a measured degree of success.

Southern Lancaster County dairyman Curtis E. Akers has a real concern for the quality of milk he produces. He sees a strong correlation between his management and sanitation practices and the composition of the milk his herd produces.

Akers' daily devotion to sanitation and keeping mastitis in check, recently earned him the distinction of being one of 16 dairymen in Pennsylvania to achieve an annual average somatic cell count less than 100,000.

Three other Lancaster County dairymen also received recognition for keeping their herd's SCC below 100,000. Sharing the distinction with Akers were Don Trimble of Peach Bottom, Harold Witmer of Manheim, and Amos F. Lapp of Leola.

This is the first year Pennsylvania Dairy Herd Improvement Association has given awards for low SCC.

What does Akers attribute his low SCC to?

"I have a real fear of mastitis," he said. "There is no way that you can avoid having at least a small amount of mastitis in your herd. But you don't have to take the attitude that mastitis is everywhere and there is nothing that can be done about it."

Akers points to four management practices that have helped him to reduce mastitis and subsequently SCC. The four practices are: 1. Using a strip cup; 2. Have milking equipment in

proper working order; 3. Teat dipping after milking; and 4. Using commercial dry treatments for mastitis at drying off.

But according to his wife, Ruth, if there is one thing that Akers is a stickler about it is checking the milk in each quarter of each cow for signs of mastitis before milking.

A strip cup is probably the best

investment a dairyman can make, according to Akers. For as little as it costs, it can make a dairyman a substantial return on his investment in terms of increased production.

"A lot of dairymen were complaining about the \$1 assessment," said Akers, "But I think by reducing the somatic cell count in your herd you can increase production enough to recover that loss."

"Knowing what to look for when you use a strip cup is critical in detecting mastitis in its early stages," said Akers. "I strip a small amount from each quarter first on to the black lid of the cup. This allows me to more readily see if the milk in one quarter is a little watery, or a little off. You can't just look for strings or flakes. Stripping cows also keeps that first milk that is highest in somatic cells out of the milk tank."

Following up mastitis detection is done with precision, in the Solanco Acres herd of registered Holsteins. Akers or his son, Gary, collect a sterile sample of milk from each quarter of a cow suspected to have mastitis. The sample is then given to their veterinarian for testing. The sample is cultured to allow the bacteria to grow and tested with antibiotics for sensitivity to determine the specific organism causing the infection. The veterinarian then prescribes treatment according to the diagnosis.

Akers' herd of 60 is bedded with straw in a tie stall barn equipped with a two-inch glass pipeline. Keeping that pipeline clean and vacuum levels constant receives regular attention from the Akers.

"Having an adequate vacuum pump is essential," said Akers. "And properly maintaining the vacuum regulator with periodic cleanings, makes it more responsive to changes in vacuum levels."

Akers' has attended several meetings of the National Mastitis Council to hear international experts on mastitis speak on control of the disease. One point he brought home from these meetings is using good teat cup liners (also called inflations) and changing them regularly.

Akers uses two sets of inflations,

alternating them every 10 days to two weeks. Inflations are discarded after 1200 cows.

After every milking Akers dips the cow's teat with a nonirritating teat dip. He uses a commercial dip containing glycerin because he believes it keeps the teats in better condition.

When a cow is at the end of her lactation and is turned dry she is treated with a commercial intramammary dry treatment.

"I have to watch the heavy producers at drying off," points

out Akers. "I keep a watch on their udders to make sure they are 'drying down' properly. Some heavy producers might have to be milked out and treated again."

It is this kind of daily devotion to details, this unrelenting guard on mastitis that has reduced the SCC in Akers herd and turned lost profits into milk producing potential. He is obviously doing something right, his rolling herd average is over 20,100 pounds of milk, 730 pounds of fat, and 630 pounds of protein.



Solanco Acres, home of the Curtis E. Akers family.



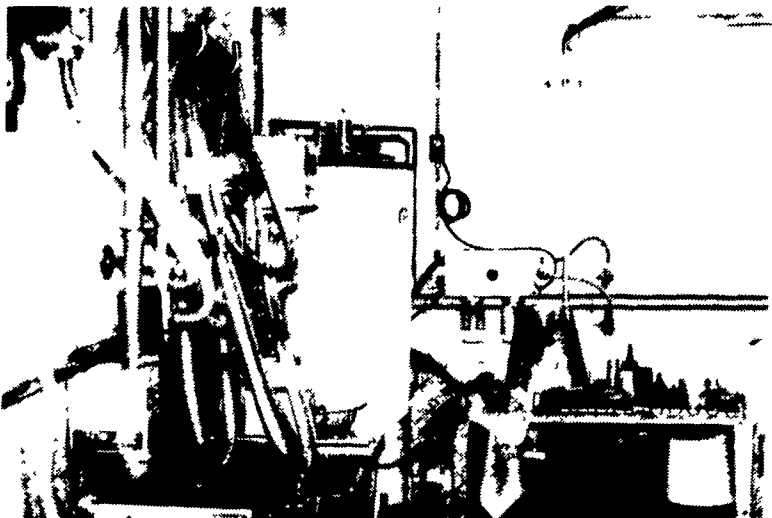
When Ruth isn't helping to milk, she enjoys sewing. With Christmas fast approaching she was making these cozy flannel shirts for gifts.



Gary Akers feeds high quality alfalfa hay to cows daily, keeping these creatures of habit on schedule.



Curtis E. Akers demonstrates how to take a sterile sample from a quarter. The teat end is first wiped with a sterile cotton ball saturated with alcohol. Then the sample is collected in a sterile tube. (Note the cleanliness of the animal.)



Milking equipment is checked at regular intervals at Solanco Acres. Inflations are discarded after 1200 individual milkings.

Diesels Need Extra Winter Care

HARRISBURG — Help your diesel engine to fight the rigors of winter, says a spokesman for Miller Diesel, Inc., 6030 Jonestown

Road.

Remember that water is the engine's worst enemy. You can't avoid it. Water forms in storage

tanks, in the tank at your local service station and in your vehicle's fuel tank.

The only solution is to separate

that water from your fuel before it reaches the vital parts of your engine, causing hard starting and other problems.

Hard starting can also be caused by problems in your fuel-injection system. Does your engine smoke, miss, or have a tendency to stop, or does it produce low power and poor mileage?

With any of these problems, you should call Miller Diesel today for a tune-up appointment.

To eliminate the water problem, one solution is to add an additive to your fuel, Miller Diesel says. FPPF diesel fuel treatment will totally disperse the water and also

will reduce smoke output, clean the injectors and prevent gelling.

By adding a small quantity of FPPF to each tank of fuel, you can forget about winter and water. This also cuts down on maintenance costs. The cost of FPPF is very small for what it does.

Another solution is the Alert-Filter-Separator-Alarm system. It is added to your vehicle's fuel system and becomes a permanent addition.

Water and dirt are trapped and when the water in the separator reaches a dangerous level, you are warned by a buzzing sound.

AVIAN INFLUENZA QUARANTINE RESTRICTIONS

Pursuant to the authority granted to the Pennsylvania Department of Agriculture by the Act of 1929, April 17, P. L. 533, the Act of 1913, July 22, P. L. 928, the Act of 1929, March 28, P. L. 110 and appropriate amendments to said Acts and the Administrative Code of 1929, April 9, P. L. 177, No. 175, Section XVII and in conjunction with the determination by the United States Department of Agriculture that an emergency situation exists (9 CFR Part 81) the Pennsylvania Department of Agriculture imposes the following quarantine and rules and regulations to help prevent the further spread of Avian Influenza, and imposes a general quarantine upon that portion of Pennsylvania beginning at the eastern bank of the Susquehanna River at Interstate Highway 81, then northeasterly along Interstate Highway 81 to its intersection with Interstate Highway 78, then northeasterly along Interstate Highway 78 to its intersection with PA Highway 61, then southerly along PA Highway 61 to its intersection with U.S. Highway 422 to its intersection with Interstate Highway 176, then southerly along Interstate Highway 176 to its intersection with Interstate Highway 76, then easterly along Interstate Highway 76 to its intersection with PA Highway 82, then southerly along PA Highway 82 to its intersection with U.S. Highway 1, then southwesterly along U.S. Highway 1 to its intersection with PA Highway 841, then southerly to its intersection with the Pennsylvania/Maryland State Line, then westerly along the Pennsylvania/Maryland State Line to the intersection of PA Highway 516, then northerly along PA Highway 516 to the intersection of PA Highway 116, then northeasterly along PA Highway 116 to the intersection of U.S. Highway 30, then easterly along U.S. Highway 30 to the intersection with Interstate 83, then northerly along Interstate Highway 83 to the eastern bank of the Susquehanna River, then northerly along the eastern bank of the Susquehanna River to Interstate Highway 81.

In addition to conditions imposed by the general quarantine, all flocks and premises located within the Commonwealth known to be infected with Avian Influenza shall be placed under special quarantine. After a special quarantine is established it shall be unlawful for any owner or person, without a special permit in writing from an officer or agent of the Department of Agriculture, to sell, exchange, lease, lend, give away, allow to stay, remove or allow to be removed, any animal or animals, or any products, goods, materials, containers, vehicles, cars, conveyances, or other article on property named or described in an order of special quarantine (1929, April 17 P. L. 533 § 5).

I. Interstate movement of poultry and other birds, poultry products and any other articles related to the production, marketing or disposal of those avian products from the quarantine area and other premises quarantined because of avian influenza shall comply with Part 81 of Title 9 of the Code of Federal Regulations (9 CFR).

II. Intrastate movement of poultry and other birds, poultry products and other articles related to the production, marketing or disposal of those avian products into, within or from the area of general quarantine and from other quarantined premises shall be subject to the following restrictions:

A. No birds, eggs, poultry products, manure, litter or other contaminated materials shall be removed from flocks or premises infected with or suspicious of highly pathogenic avian influenza.

B. No poultry or poultry products including, but not limited to, chickens, ducks, geese, turkey, pigeons, exotic fowl (except caged pet birds) and game birds raised in captivity shall be moved within or from the State-Federal quarantine area nor removed from quarantined premises except by permit of the Pennsylvania Department of Agriculture.

1. Permit may be issued for movement of birds within the quarantine area if the flock of origin is not under quarantine and an onsite inspection including virus isolation tests of the flock by an authorized representative of the Avian Influenza Task Force reveals no evidence that these birds and no other birds on the premises are infected with avian influenza. This permit shall remain valid no longer than 72 hours following the flock inspection.

2. Permit may be issued for movement within the quarantine area of live birds direct to slaughter under federal inspection if:

- (a) an onsite inspection of the flock by an authorized representative of the Task Force reveals that this flock and no other flocks on the premises are exhibiting clinical signs of avian influenza and
- (b) birds moving from these flocks are transported in vehicles covered so as to prevent contamination along the route and
- (c) equipment and vehicles utilized to transport these birds shall be considered under quarantine until proper C & D has been certified by an official representative of the Task Force.

3. Day old chicks originating from flocks or hatcheries located in the quarantined area may be moved within the quarantine area providing the hatching eggs have met permit requirements (4):

- (a) Chicks originating from breeding flocks in the quarantined area shall be placed under special quarantine and may not move subsequently until released from quarantine. Quarantine may be released after six weeks providing the flock has remained free of clinical signs of avian influenza as determined by an onsite inspection.
- (b) Chicks hatched in the quarantine area from eggs originating from healthy flocks located outside the quarantine area may be moved by permit from the quarantine area.

4. Permits may be issued for movement of hatching eggs from healthy breeder flocks to approved hatching facilities within the quarantine area if:

- (a) serologic testing or cloacal cultures of at least 30 birds from each flock are negative and
- (b) the flocks of origin remain free of clinical signs of avian influenza as determined by the flock-keeper and
- (c) at least 30 eggs from each flock setting are virus culture negative (eggs may be moved and set while cultures are in progress) and
- (d) such hatching eggs are fumigated in accordance with the following procedures:
 - (1) The eggs shall be fumigated in an airtight enclosure equipped with a fan to circulate the gas.
 - (2) The eggs shall be placed on wire racks in wire baskets, or on cup-type flats stacked outside of the egg cases (to permit air circulation) and exposed to circulating formaldehyde gas.
 - (3) The formaldehyde gas shall be provided by mixing 0.6 gram of potassium permanganate with 1.2 cc of formalin (37.5 percent) for each cubic foot of space in the enclosure. The ingredients shall be mixed in an earthenware or enamelware container having a capacity at least 10 times the volume of the total ingredients.
 - (4) The gas shall be circulated within the enclosure for 20 minutes and then expelled.
 - (5) The temperature in the enclosure during fumigation shall be at least 70°F (21°C), and the relative humidity above 70 percent and

(e) such hatching eggs are transported on new or sanitized packing materials.

(f) Hatching eggs in an incubator less than 18 days that have originated from a flock determined to be infected with avian influenza shall be immediately destroyed. Potentially exposed eggs must be removed from the hatchery in a manner so as to prevent contamination of other eggs in the hatchery and these eggs shall be burned or buried in an approved landfill. The contaminated hatching equipment shall be cleaned, disinfected and fumigated before new eggs are set following removal of infected or exposed eggs.

5. Fertile eggs fumigated according to 4 (d) may be moved by permit from the quarantine area only to approved facilities for use as SPAFAS eggs or embryonated eggs for vaccine production.

6. Permits may be issued for movement from the quarantine area of table use eggs which have been sanitized and packed in unused or sanitized flats and crates.

7. Nest run eggs (that is non-sanitized eggs) may be moved only within the quarantine area by permit to approved facilities for sanitizing and packing. Packing and shipping materials used to transport nest run eggs (non-sanitized) shall be disposed according to protocol established by the Task Force or sanitized prior to removal from the processing plant and necessary precautions shall be taken to minimize exposure of sanitary eggs, packing materials and equipment to contaminated eggs, packing materials and equipment. Sanitized eggs shipped from the processing plant shall be packed only in new packing materials.

8. Permit may be issued for movement from the quarantine area of slaughtered and dressed poultry originating from flocks which are free of clinical signs of avian influenza.

9. Permits may be issued for movement of poultry and eggs from avian influenza quarantined flocks outside the quarantine area:

(a) Live birds may be moved from flocks free of clinical signs of avian influenza to slaughter under federal inspection into the quarantine area if:

- (1) an onsite inspection of the flock by an authorized representative of the Task Force reveals that this flock and no other flocks on the premises are exhibiting clinical signs of avian influenza and
- (2) birds moving from these flocks are transported in vehicles covered so as to prevent contamination along the route and
- (3) equipment and vehicles utilized to transport these birds shall be considered under quarantine until proper C & D has been certified by an official representative of the Task Force.

(b) Non-sanitized table eggs may be moved only to processing plants located within the quarantine area. Sanitized eggs may move on clean or sanitized packing materials intrastate for table use only.

10. Disposal of dead poultry, cull eggs, refuse, litter, manure and other contaminated articles originating from quarantined premises shall be only according to instructions issued by an agent of the Task Force.

C. Quarantine of premises and flocks infected with avian influenza may be released when:

1. flocks and premises infected with highly pathogenic avian influenza are depopulated and:

- (a) all poultry carcasses and parts thereof, eggs, litter, manure and other refuse has been properly disposed of and
- (b) the premises have been cleaned and disinfected and rid of insect and rodent vectors in accordance with protocol established by the Task Force and
- (c) no live poultry are taken onto the premises for a 30 day period after Task Force approval of C & D and
- (d) the Task Force has determined that highly pathogenic avian influenza has been eradicated and that the premises can be safely repopulated.

2. flocks and premises infected with avian influenza of low pathogenicity are depopulated and:

- (a) all poultry carcasses and parts thereof, eggs, litter, manure and other refuse has been properly disposed of and
- (b) the premises have been cleaned and disinfected and rid of insect and rodent vectors in accordance with protocol established by the Department and
- (c) no live poultry are taken onto the premises for a 14 day period after Department approval of C & D (except that in no case may quarantine be released sooner than 30 days following depopulation of the premises) and
- (d) the Department has determined that the premises can be safely repopulated.

3. flocks and premises infected with avian influenza of low pathogenicity are free of clinical signs of disease for at least 30 days and:

- (a) cloacal swabs of statistically significant samples from each flock are virus culture negative twice (an interval of at least 15 days between samples) and
- (b) premises (environment) samples of dust, feed, etc. are virus culture negative and
- (c) 10 sentinel birds (healthy H₅N₂ seronegative birds) placed in the flock remain free of clinical signs of avian influenza for 30 days and do not sero-convert positive for H₅N₂ influenza virus and
- (d) breeder flocks submit at least 50 one day-old chicks for virus culture (which must be AI virus negative), and

4. hatcheries quarantined because of avian influenza are depopulated and:

- (a) all eggs and other contaminated refuse are properly disposed of and
- (b) the premises are cleaned, disinfected and fumigated in accordance with Department protocol and
- (c) samples of dust from the environment are virus culture negative.

D. Birds may not be added to flocks, or brought onto premises, quarantined for avian influenza except by permit of the Department. Additions to quarantined flocks without permit of the Department may result in condemnation of any part or all of the flock and forfeiture of any right to indemnity from the Department for condemned birds in the flock concerned. Additions to quarantined flocks without permit may also result in cancellation of permits to move poultry or poultry products from such flocks.

The foregoing revised rules for administration of Avian Influenza Quarantine shall become effective at 12:01 a.m. December 23, 1983.

PENROSE HALLOWELL
Secretary of Agriculture
Commonwealth of Pennsylvania

Equine sleep habits studied

COLLEGE PARK, Md. — Is it better for horses to be bedded down alone or together?

Together, they sleep better, according to a study by animal scientists at the University of Maryland, College Park.

"Young horses sleep more readily, more deeply and for longer periods of time when they sleep together," says Michael J. Glade, UMCP assistant professor of animal sciences.

Glade also found that horses got as much "rapid eye movement" (REM) sleep as they needed regardless of the size of the enclosure they slept in, so long as they could lie down in a safe spot.

Rapid eye movement during sleep is an indicator to researchers of the depth of sleep in humans and animals, according to Glade, who conducted his study for the university's Agricultural Experiment Station. (UMAES).

He adds that there was one prerequisite for a good night's

sleep among horses sleeping in groups; a phenomenon animal scientists call "sentry behavior."

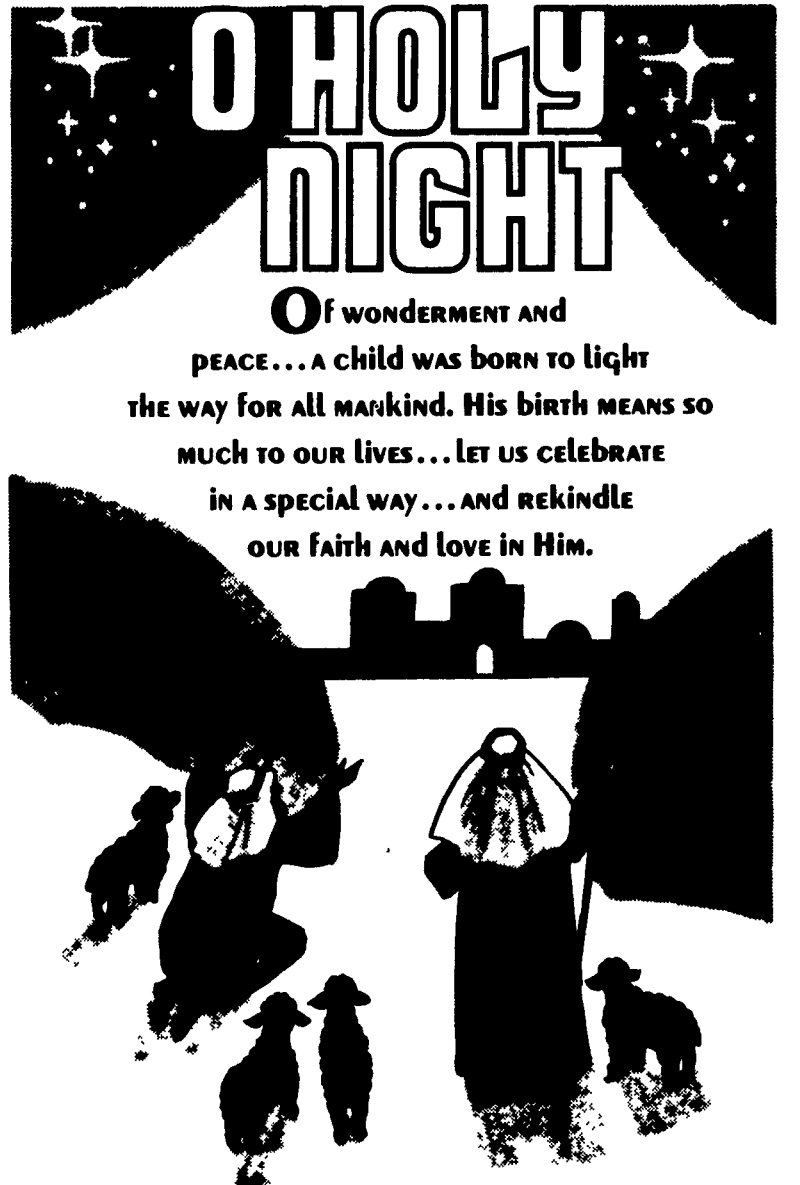
"In order for horses to sleep well in a group environment, one of them has to 'remain on guard' while the others sleep," Glade says.

His study is just one of several underway for UMAES in which animal scientists are trying to define how domestic animals behave in modern management systems, most of which confine the animals in some manner.

"The more we know about how modern management systems affect animal behavior, the better prepared we'll be to develop systems that expose animals to fewer and milder stresses," says Glade.

Sleep, he adds, is one way animals and humans avoid stress.

His study examined the effects of pen size, shape and crowding on the horses' sleeping behavior.



O HOLY NIGHT

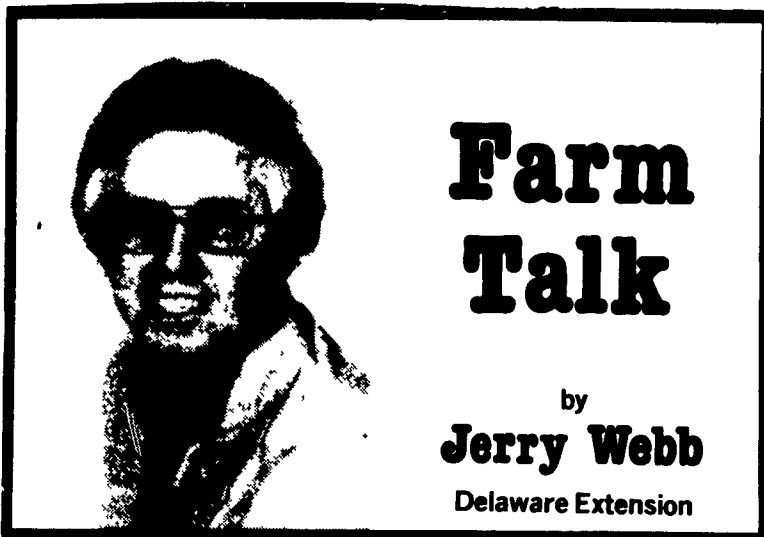
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Farm Talk

by
Jerry Webb
Delaware Extension

Divorce on the farm — an occurrence that not only brings havoc to the family involved, but to the farming operation as well. A generation or two ago it was unheard of. Farm couples just didn't separate, they stuck it out whether they enjoyed it or not for the sake of the kids and the farm business, and because that was the thing to do. But not anymore. National surveys and farm magazines are telling the story of shattered farm homes, farm couples, some of them with grown children and 30-year marriages splitting the blanket and suffering the consequences.

It's not easy when any couple decides to give up, but on the farm it can be devastating — emotionally and financially. So often a young farm couple starts with virtually nothing except their own labor and love of the land and proceed to develop a thriving farm business. That farm is more than a source of income. It's a way of life, with almost everything the family does centered around the needs of the farm. This side by side working relationship makes for some excellent marriages, but when those marriages fall apart, it's difficult to regroup and continue.

The experts say most farm couples don't prepare for this eventuality. They may have a will that says what to do in case of death, but nothing that even suggests a marital breakup. So what happens when the wife packs up the kids and goes home to mother? Or even more traumatic the husband, who is usually the principal farm operator, decides to take leave. What happens to the farm? Those years of hard work and sacrifice? How do you split the land, machinery, livestock and debts? What do you do with half of a farm, part of the machinery, some of the livestock? In many instances the divorce proceedings go on for years with phenomenal legal fees while either husband or wife tries to keep the farm going.

In an urban setting, a divorce is obviously difficult, but not that involved. The typical office or factory worker simply moves out, takes what he or she can and waits

for the courts to sort it all out while the job continues. Or maybe the male partner takes off, leaving the spouse to fend for herself — to find a job and pick up the pieces. But at least she has a place to live and is not burdened with the unusual responsibilities of running a farm.

In rural America it's not that easy. The cows still must be milked. The corn must be harvested. And when it comes time for

that final settlement, they must break up a cohesive farming unit, made up of bits and pieces that cannot survive when separated. What good is a dairy herd without the land and buildings to support it? Or a full line of farm machinery with no land? And in today's difficult farming climate a farm couple is apt to be carrying a heavy debt load that cannot be sustained once the farm is divided.

So a breakup of the marriage, there's a splitting of the farm and worse yet, a foreclosure. This is happening with alarming frequency as farm couples struggling under tremendous financial stress react by blaming each other or seeking seemingly quick and easy solutions.

There are ways farm couples can avoid some of these problems. Obviously, not getting a divorce is the first way, but beyond that premarital agreements, as cold and calculated as they may seem, can solve some of these problems. There are other ways. Legal partnerships, joint ownerships, corporations — all legal mechanisms that provide for the least amount of business disruption should the marriage come apart.

Family counselors offer suggestions to minimize the risk of divorce. They say more communication between the couple, some realistic goal setting, and an understanding on the part of both husband and wife that the farm business is not the total reason for existence. Too often, they say, the farm operator becomes so dedicated to the farm and so overwhelmed with financial responsibilities, that he loses sight of almost everything else.

Farmers are notorious for not taking vacations, for never being away from the farm for more than a few hours at a time, for working almost nonstop during planting and harvest, and for spending their every waking hour thinking, talking and acting farming. To the spouse who is not that involved in the farm business, this can get to be too much. To the city girl, for example, who marries a farm boy and is stuck in the middle of nowhere, the almost total lack of social life and outside contact during some of those busy times can be overwhelming. The

struggles with raising a family, balancing the budget, doing without some of those urban luxuries can cause a crisis. And even worse, the husband that's too busy with crops, livestock, and all the rest of the farm business to even notice these other things, can be the last straw.

The divorce rate in rural America is no doubt lower than it is in the population in general. But divorces are happening more frequently. Perhaps farm couples should organize their businesses with this possibility in mind. But better yet, it seems to me they should discuss their needs and desires with each other and set about planning a divorce-proof marriage. There are all kinds of professional counselors available to help a farm couple toward that goal. Why wait until a marriage is in trouble to start looking for causes and cures? Far better to look for ways to enrich the marriage and perfect a family business balance before problems start to occur. Many farm couples can do this for themselves. Others might be well advised to seek the counsel of trained professionals.

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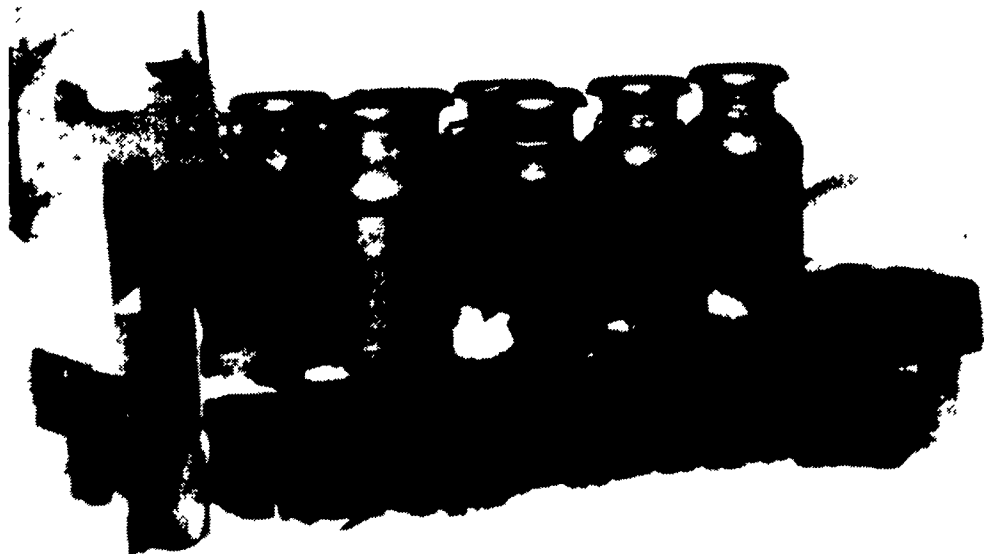


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The Dairy Business

By
Newton Bair

THE MANGER SCENE

There's a pretty good chance that anyone raised in a rural area can easily relate to these words. "The Manger Scene" is perhaps the most prominent symbol of the Christmas season. Many homes, businesses and Churches display either live tableaux or colorful statuary of the favorite Characters, Shepherds, Kinds, animals, all clustered around the new babe lying in-of all places- a crude manger stuffed with hay.

Thousands of books, poems and sermons have been written, down through the centuries, using the manger to symbolize the simple, humble, lowly birth of Christ. The Christmas season, and especially this one, is a good time to review and reflect on the Manger as a symbol of the Dairymen's place in the scheme of things.

Whether it is a wooden box, concrete trough or a metal computerized feeder, it furnishes no nutrients for our animals. It's only importance lies in how it conveniently holds and makes available the feed we provide. The physical form has changed, but it's function remains the same. The scene around it has taken on new dimensions which can affect the lives of many people. And, just as it was two thousand years ago, the manger is still a potential center for turmoil and controversy.

THE SCENE TODAY

Within the next month, you will have to make decisions that will affect you and your family for many years. The new Federal Dairy Program will require two types of thinking; one that will affect the industry as a whole, and one that will affect only you. Economists are calling these two types of decisions 'macro' and 'micro' decisions. Politicians as well as industry leaders are concerned with the 'macro' aspect, or the overall reduction of dairy surpluses. Of course, you will be most concerned with whether your 'micro' decision to decrease production by 5 to 30 percent is a good one or not. Unfortunately, what is good for the industry MAY not be best for you as an individual.

You have until February 1, 1984, to decide whether you will contract with the Government to reduce production. For some, it will prove to be a good move. For some smaller or less efficient producers, it will be an easy way to survive the possibility of lower prices for

milk and higher prices for feed. Older farmers who are planning to quit in the next couple of years anyway might find it a way to ease out gradually, and get paid for it. The purebred Breeder will face a real dilemma, because producing animals will have to be culled to the butcher, or to another dairy that has a reduction contract.

There are numerous variables that every dairyman must weigh before making a decision. Anyone who has expanded his operation over the past three years will find it hard to justify a sizeable reduction. But, you might say, these are the herds that are making the greatest contribution to the flood of milk. The new program will work only if enough people participate in the reduction of both cows and milk.

USE THE COMPUTER

If you need help in setting down all the variables and judging how they will effect your decision, don't delay in seeking it. One of the best ways I know of is to make use of John Brocketts' Spreadsheet model for the Apple Computer. Input forms are available in the Extension Office that are equipped with computers, or from John Brockett, Courthouse, 20 North Wayne Street, Lewistown.

I also have Brocketts' computer program, and will run it for you. The charge for running the program is \$5.00. If you decide you want to look at other combinations of variables, the charge will be \$3.00, then \$2.00 then \$1.00 for all additional runs. You will need input forms for your information. Write to me at the following address, or phone my number; 717-867-4936. Newton Bair, 200 S. Spruce St., Annville, Pa. 17003. If you want the program for your Apple, send a blank diskette and \$8.00 to John Brockett, Above address in Lewistown.

The computer program only allows you to evaluate the effects on your returns from the Dairy Business based on your decision to contract or not. It will not make the decision for you. However, you will be better equipped to make a good decision if you weigh all the alternatives.

The MANGER SCENE is as full of inspiration and challenge as ever. Take this Christmas season to reflect on how it will affect your life, spiritually as well as financially.

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Extra precautions vital to eliminate Avian

BY LAURA ENGLAND

LANCASTER — Farmers and poultry industry workers must take precautions in preventing the spread of avian flu or the disease could continue until the last bird in the county is killed, according to Dr. Dwight Schwartz.

Schwartz, a Penn State Extension poultry specialist addressing poultrymen at a meeting here Monday, said that farmers and other individuals must take action in preventing the spread of avian flu.

"Individuals, collectively, must take upon themselves of not being guilty of transporting the disease," Schwartz said, "or we may not rid of it (avian flu) until the last bird in the county is depopulated."

To take preventive measures, Schwartz said farmers have to be more cautious in dealing with their poultry and their products. He cited three incidents to uphold his concerns:

-Liquid manure from a "hot" flock was spread on a field exposed to prevailing winds. The winds picked up the disease and carried the virus to a neighboring flock.

-A poultryman bought chickens in Lancaster County and then went to Virginia to buy additional birds.

-A truckload of used egg flats from Lancaster County was found on a truck in Georgia.

"These are things that really have me disturbed," Schwartz said of the incidents.

To help farmers better understand the seriousness of avian flu, Schwartz explained that three levels of the virus exist - highly accute, accute and mild. In the county situation, poultrymen are dealing basically with the accute form, he said.

Schwartz also outlined the symptoms of diseased chickens, explaining that signs vary widely depending on species, age, sex and

(Turn to Page A32)

Avian indemnity policy changed

LANCASTER — Avian Influenza Task Force officials, in an effort to address the needs of the poultry industry which has suffered large financial losses, announced Tuesday a change in policy concerning the processing of indemnity funds.

Under the new procedures, which become effective immediately, indemnity payments will be processed before the cleaning and disinfection of depopulated premises. Original guidelines required the completion of these activities prior to payment.

Cleaning and disinfection, or C & D, remains an integral part of the eradication process. Its purpose is to eliminate all debris and materials which serve as reservoirs for the avian flu virus.

Officials explained that C & D

standards have evolved gradually, in response to the overall needs of the eradication program. These standards include removal of all manure and debris from the floors, walls, ceilings and equipment within the poultry house. This must be followed up with disinfection with an approved agent.

Before approval of indemnity payment, destruction of all items appraised (birds, eggs, feed, materials, etc.) and vector control must still be completed. The approved procedures are absolutely necessary to the eradication program.

By making indemnity funds available prior to C & D, officials believe that farmers and producers will be in a better position to move quickly and effectively to complete the clean-up and prepare for repopulation.



Addressing poultrymen's questions at a meeting in Lancaster are, from left, Dr. John Dick, USDA task force veterinarian; Dr. Kay Wheeler, USDA task force veterinarian-medical director; Dr. Dwight Schwartz, Penn State Extension poultry veterinarian; Jay Irwin, Lancaster County extension agent; and Ronald Day, USDA task force enforcement director.

182 poultry flocks confirmed 'hot'

LANCASTER — The number of poultry flocks infected with the highly pathogenic strain of avian flu rose to 182 this week as USDA task force personnel continued to contain the disease within the 2,800 square mile quarantine zone.

In figures released on Thursday, 163 flocks, representing 7,173,290 chickens, had been depopulated by task force crews. The total number of birds diagnosed in the 182 hot flocks stands at 7.8 million.

On Wednesday, 11 flocks were confirmed with the highly pathogenic strain. This total represented the highest single-day count since the task force began eradicating the diseased chickens in November. The 11 flocks, containing nearly 200,000 birds, were all within Lancaster County.

A breakdown of the flock

numbers by type and by county follows:

By type - 4,459,406 layers; 2,981,326 broilers; 22,700 turkeys; and 331,913 "others" for a total of 7,795,347 birds.

By flocks - 108 layer flocks; 47 broiler flocks; 2 turkey flocks; and 19 others for a total of 182 flocks.

By county - 169 flocks in Lancaster County; seven flocks in Lebanon; four flocks in York County; two flocks in Chester County; and one flock in New Jersey.

While the task force continues to depopulate diseased birds, farmers continue to clean and disinfect their empty houses; a task many have claimed is difficult because of strict cleaning requirements.

Thus week, however, seven poultrymen received word from task force officials that they had met cleaning requirements. These farmers will be permitted to repopulate their poultry houses within a minimum of 30 days, according to Don Neilson, task force spokesman.

The 30-day "down time" in which the houses must remain empty is required to assure that houses are virus free.

The cleaning and disinfecting approval of the seven premises, Neilson said, is good news to the task force and farmers facing the avian epidemic. At first, it seemed like no one was going to get through the situation, he said, but the approvals brought with them encouragement for other farmers.

Revised regulations restrict movement

HARRISBURG — State Agriculture Secretary Penrose Hallowell announced Monday revised state regulations governing movement of poultry and poultry products from the 2800-square mile area quarantined because of avian influenza. The regulations took effect at 12:01 a.m., Dec. 23.

The Secretary said that major provisions of the revised regulations include a halt to movement of all live birds, nest run eggs, hatching eggs, and day old chicks from the quarantine area.

"The highly pathogenic strain of avian influenza is still spreading within the quarantine area, but has to date been confined within that area," Hallowell said. "These revised regulations will help guard against the spread of the virus to areas which have not been affected."

"We are taking every precaution to prevent spread and protect the Pennsylvania poultry industry," he said. "These actions which were thoroughly discussed with the poultry industry task force, may create some local short-term difficulties, but will hopefully protect Pennsylvania markets in the long run."

The revised regulations also cover steps necessary for release of state quarantines from flocks infected by both the highly pathogenic (HPAI) and low pathogenic (LPAI) strains of the virus.

Flocks and premises infected

with LPAI may be released from quarantine: if the poultry are depopulated; materials are properly disposed of; the property undergoes cleaning and disinfecting; a 14-day period passes; and the Department determines that the premises can be safely repopulated.

For flocks and premises with

LPAI where depopulation does not occur, quarantines may be released: if the flock is free of clinical signs for at least 30 days; swabs are twice found to be negative for the virus; samples of dust and feed are negative; and ten sentinel birds remain free of clinical signs for 30 days without showing positive test results.



Dressed in plastic, throw-away coveralls and cap, task force veterinarian Kay Wheeler outlines precautions poultrymen should take in preventing the spread of avian flu.



Ronald Day, USDA task force enforcement director, displays the permits poultry farmers must secure before transporting their chickens.

Farmland preservation - It's worth it



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Avian precautions

(Continued from Page A26)

concurrent diseases. One of the first signs of avian flu, he said, is a decrease in food and water consumption. This is followed by an increase in the number of shell-less or weak-shelled eggs, while a decrease in fertility is noted.

Physical signs include ner-

vousness, fever, respiratory distress, facial swelling, coughing, sneezing, and diarrhea. Post-mortem tests reveal cyanosis of unfeathered skin, dehydration, collapse of the circulatory and digestive tracts and tissue death.

Schwartz said that birds are the "fuel in this epidemic," and stressed the need for care in

handling and disposing of diseased chickens.

Also speaking at the meeting was Dr. Kay Wheeler, task force veterinarian and medical director.

In a similar vein, Wheeler said it pays, not costs, to take precautions in preventing the spread of avian flu.

Although avian flu is spread by various means, people are one of the best ways to move the virus from one place to another, Wheeler said. People, he added, are the answer to the avian epidemic.

Showing slides of diseased chickens and the necessary day-to-day operations at a poultry farm, Wheeler explained that all people in contact with the poultry houses are potential carriers of avian flu.

To protect against this, Wheeler said individuals should wear plastic, throw-away coveralls or washable coveralls. Plastic coveralls, he said, should be rolled inside-out when taken off and left at the farm. Washable coveralls should be taken off at the farm, placed in a plastic bag, and washed immediately.

A type of rubber or plastic boot is also necessary, Wheeler added. These should be put on before a person leaves his car. Covering hair and beards and using a mask over the mouth and nose are an important part of dress on an avian flu-stricken farm.

Protecting the body and clothing from possible contact with the avian flu virus and disinfecting trucks, egg flats and other poultry farm equipment will help lessen the spread of the disease, Wheeler said.

The avian flu eradication is a total effort by all involved in the poultry industry, Lancaster County extension agent Jay Irwin said.

"Everyone must work together," he said. "Be your brothers keeper and look out for one another."



Kay Wheeler, task force veterinarian, rolls his coveralls inside-out when taking them off, thus, exposing the "clean" inside while covering the "dirty" outside.

Silage seminar planned

WEST DES MOINES, La. — Researchers from the United States, Japan and Europe will be the featured speakers for a special Silage Seminar on Feb. 21, 1984 at the Hyatt Regency O'Hare in Chicago, (Rosemont) Ill.

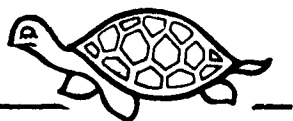
Stanley Bruegger, Furst-McNess Company, chairperson for the Silage Seminar, says the scheduled speakers are authors of the new nine-chapter NFIA silage publication, "Silage Management," which will be premiered to the industry during the seminar. Each author will present an overview of his chapter in the new book.

Heading the list of authors for this the second NFIA silage publication are M.E. McCullough from the University of Georgia and Keith Bolsen from Kansas State University. The two professors are serving as co-editors of the upcoming book and both have contributed chapters to the publication.

The book authors, seminar speakers and their chapter topics

are: Werner Bergen, Michigan State University, "Protein Conservation in Silage Management"; Bolsen and Mark Hinds, Kansas State University, "The Role of Fermentation Aids in Silage Management"; Leonard Bull, University of Vermont, "Managing Dairy Silage Feeding Programs"; Jimmy Clark, University of Illinois, "Managing High Moisture and Reconstituted Grains"; Yoshinobu Ohyama, National Institute of Animal Industry in Japan, "Measuring Silage Management Through Research"; Joseph Fontenot, Virginia Polytechnic Institute and State University, "Managing By-Product Silages"; Richard Goodrich and S.D. Plegge, University of Minnesota, "Managing Silage for Cattle in the Feedlot"; McCullough, "The Role of Silage in Feedstuff Management"; and Michael Woolford, Grassland Research Institute, Berkshire, England, "Managing Aerobic Deterioration in Silage".

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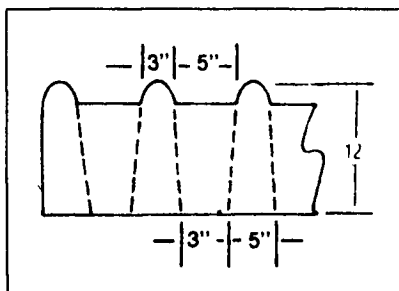
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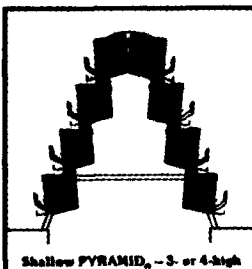
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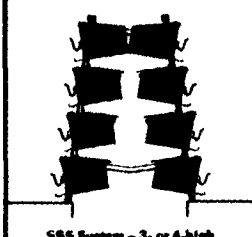
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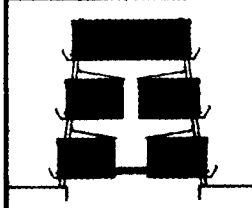
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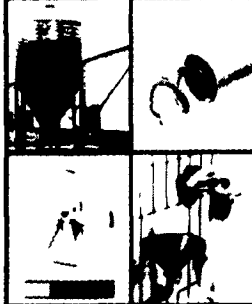
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CHORE-TIME

17 'Master Gardeners' graduate in Berks

BY ROBIN PHILLIPS
Staff Correspondent

LEESPORT — Seventeen volunteers who "wanted to learn more about home gardening, natural foods, and horticulture", were awarded their "Master Gardener" certificates for their study and service to extension, last week at the Berks County Ag Center in Leesport.

Presented their certificates by Judith S. Stoudt, County Extension Agent and coordinator of the program, the "Master Gardeners" celebrated the culmination of 10 study classes, in-service training, and over 30 hours of volunteer assistance to extension by a banquet in their honor.

Receiving certificates were: Ann Atwood, Douglassville; Wilma Cupp, Leesport; Dorothy Funk, Wyomissing; Rush Gwyn, Sinking

Spring; Leonard Harner, Reading; Ann Hechler, Birdsboro; Ken Houck, Reading; Leone LaMotte, West Lawn; Becky Marx, Whitfield; Ann Miltenberger, St. Lawrence; Harding Monroe, Reading; Cindy Oswald, Oley; Rollin Reiner, Colony Park; Sandy Stine, Oley; Barry Ulrich, Sinking Spring; and Dave and Mary Bossard, Bernville.

The Master Gardener program was formed because of the increasing need for information and help by home gardeners. Interested individuals are trained by Extension in horticulture to not only increase their own knowledge, but to spread information into the community.

Instructors for the course included local horticultural business operators, Penn State personnel, and other county agents. To



Group of Berks County Master Gardeners are shown with Judy Stoudt, of Berks Extension, at left.

complete the course, students had to pass a written exam, conduct a 20-minute demonstration on a horticultural topic, and give 30 hours of volunteer assistance to Extension. In-service training was also provided to the students and a

field trip to Rodale Research Center was also conducted.

"You've worked so hard and I've put a lot of value into the work you've done," stated Judith Stoudt as she presented the certificates. The Master Gardeners have spent

over 46 hours answering phone calls from home gardeners in the extension office, assisted in workshops and seminars, and assisted in landscaping projects.

Master Gardener, Wilma Cupp

(Turn to Page A34)



Judy Stoudt, of the Berks Extension staff, receives a "money tree" from Rollin Reiner on behalf of Master Gardener group's appreciation of her contribution to their training.

QUESTION?

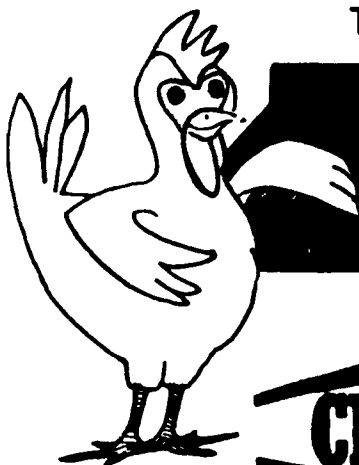
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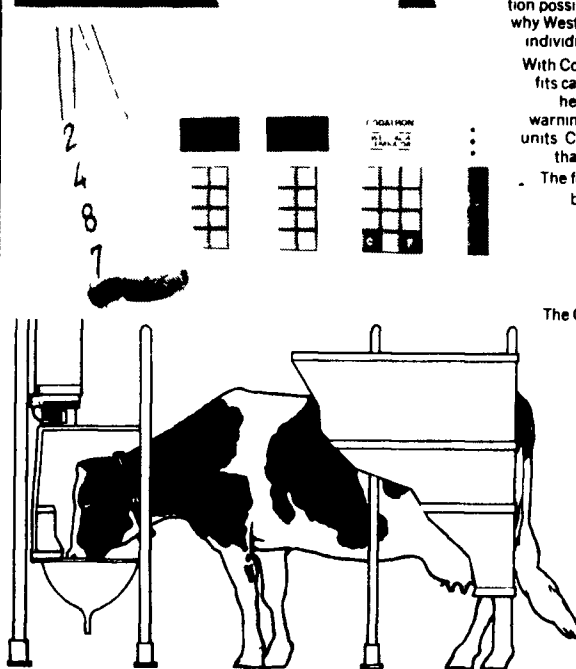
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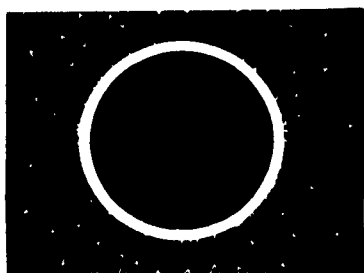
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Energy Edicts

By James W. Garthe
Penn State Ext. ag engineer

Heat pump water heaters can cut your water heating cost in half, says James W. Garthe, Penn State Extension agricultural engineer.

Heat pump water heaters work like any other heat pump, but they heat water instead of air. Just as a refrigerator cools inside itself and warms the air outside, a heat pump water heater cools the air around it to transfer the heat to water.

These heat pump water heaters should be installed in unheated areas where the temperature is guaranteed to be higher than 45 degrees Fahrenheit. An area larger than 1,000 cubic feet around the heat pump water heater is needed to ensure adequate air supply.

Two types of heat pumps are commercially available: integral and remote. Integral units are sold as one unit, with the heat pump in top of the hot water tank.

The remote heat pump is a retrofit unit which can be located at a convenient place and connected to the existing hot water tank through plumbing.

The air temperature around the heat pump water heater determines the hot water recovery rate and the water temperature. If the air temperature is 55 degrees, for

example, the hot water temperature will be about 125 degrees and the maximum water recovery rate may be 20 gallons per hour.

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Young Farmers elect officers

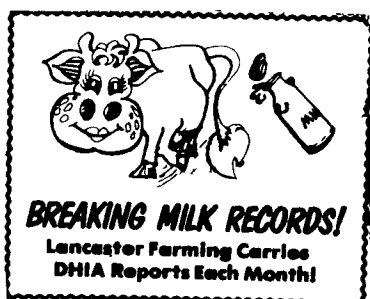
ONO — New officers were announced and awards presented at the Northern Lebanon Young Farmers Christmas banquet Dec. 9.

Elected president for 1984 was Sven Bomberger. Other officers include vice president Dale Maulfair, treasurer Dave Himmelberger and secretary Daniel Bausher.

Crop and forage awards were presented to: Tom Shuey, alfalfa hay sponsored by Agway Inc.; Wes Harding, corn quality sponsored by Pioneer; Wilmer Weaver, corn silage sponsored by Lancaster Silo; Ed Funck, high moisture corn sponsored by Penn-Jersey Harvester; Paul Maulfair, Haylage sponsored by Penn-Jersey Harvester, and Timothy hay sponsored by K&K Feeds; and Sam Geesaman, mixed hay sponsored by Farm Credit.

Ribbons were presented by Agway to the Young Farmers volleyball and tug-of-war teams. The volleyball team took first place at the Lebanon, Berks and Schuylkill contests and sixth place in the state championship. In tug-of-war, the team took first at the Lebanon Fair and sixth in the state championships at Mifflensburg.

Guests were LeRoy Geesman, president of the Pa. Young Farmers, and Lebanon County Dairy Princess Ann Burkholder. Special music was provided by Lorraine Sheuy and Doris Ditzler.



Master Gardeners

(Continued from Page A33)

has started her own wholesale and retail dried flower business, and Master Gardener, Ann Heckler operates a retail greenhouse. Another Master Gardener, Rush Gwyn, obtained funding from the County Commissioners to landscape the front of the County Agricultural Office Building. Barry Ulrich, also a Special Education teacher, has shared these projects with other teachers at his school.

"I like to work with people," Sandy Stine stated regarding her experience gained from this accomplishment. She plans to keep on volunteering at the extension office to help other home gardeners.

"I was interested in gardening," Cindy Oswald said and added that she wanted to learn more than just the basics needed for the simple home garden plot.

Herbert Wetzel, County Extension Director, labeled these individuals, as "inseminators of information," and added that he considers them his "co-workers". Stating that this program "strengthens the extension partnership", Wetzel said that the program will be improved and he is looking forward to a new class of participants this winter.

When the certificates were presented there were many comments of "I'll be back;" and

"I'm not finished yet," as many of the Master Gardeners expressed their satisfaction with the program. Many of the participants said that they wished they would have had more time with the speakers in the program.

Many of these Master Gardeners plan to assist in the program in 1984. Already in the planning stages is a display for the malls and fairs, and a 4-H club with the Master Gardeners as leaders at the Easter Seals Society. The general public, as well as the Extension service, has benefitted from these volunteers as they continue to share their knowledge with others, Extension personnel stressed.



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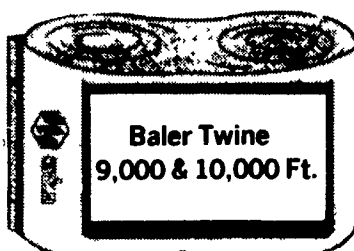
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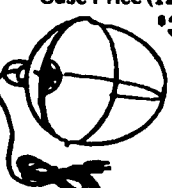
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Pa. & Md. share target conservation funds

WASHINGTON, D.C. — Counties in both Pennsylvania and Maryland will receive significant shares of the \$45.3 million in targeted conservation program funds that the U.S. Department of Agriculture has approved as part of its national campaign to reduce critical soil erosion and water conservation problems on farms.

In the Mason-Dixon project target area, Pennsylvania counties involved include Adams, Berks, Bucks, Chester, Franklin, Lancaster, Lebanon, Lehigh, Cumberland, Dauphin, Delaware, Montgomery, Northampton and York.

The eight western and central Maryland counties in the project include Baltimore, Carroll, Cecil, Frederick, Harford, Howard, Montgomery and Washington.

The 14-county area in southeastern Pennsylvania is scheduled to receive an additional \$920,000 in the Mason-Dixon effort. ASCS will receive \$520,000 of cost-share funds for the Pennsylvania portion of the program and SCS will get \$400,000.

In Maryland, the eight-county area will receive \$300,000 in technical assistance and \$190,000 in financial assistance funds.

"With both ASCS and SCS working together on these problems, we will be focusing conservation resources and expertise where the need is greatest and we can get the most for our money," USDA Sec. John Block said.

"In allocating funds for the program, USDA will emphasize those measures that provide cost

effective solutions to resource problems and will encourage conservation tillage methods to reduce excessive erosion," Block said.

"Both water conservation and erosion control measures will emphasize long term agreements covering installation of conservation practices over a period of several years."

The Soil Conservation Service (SCS) will use the technical assistance funds to step-up conservation planning in the area. The Agricultural Stabilization and Conservation Service will use the financial assistance funds to provide cost-share money to farmers to install erosion control practices.

According to Maryland SCS State Conservationist Gerald R.

Calhoun, six soil conservationists and technicians are being assigned to the Mason-Dixon area to work in watersheds with critical soil erosion problems. A soil scientist also will be assigned to the area to provide farmers with information on the capabilities and limitations of their soils.

"Although the primary focus is on controlling erosion to maintain the long-term productivity of our farmland, these practices will also help reduce the amount of sediment and nutrients polluting the Chesapeake Bay," Calhoun said.

Both Governor Hughes and the Environmental Protection Agency had urged approval of the Mason-Dixon and similar projects as a

way to improve water quality in the Bay.

Maryland has 795,000 acres of cropland in the Mason-Dixon area. Calhoun says about two-thirds of the cropland in the Maryland portion of the targeted area is in need of conservation treatment. Erosion in untreated portions of the area averages about 18 tons per acre per year. This is about five times greater than the 3 to 4 tons that scientists consider allowable.

Calhoun said that conservationists will identify watersheds with critical erosion problems in each county. They will then be contacting farmers in those areas to offer technical and financial help for installing practices to control soil erosion.

County allocations estimated in target conservation funds

BY JOYCE BUYP
Staff Correspondent

YORK — Fourteen southeastern Pennsylvania counties will share in \$920,000 of target funds aimed at cutting soil losses and improving water quality in the Mason Dixon Erosion Control Area.

According to Richard A. Pennay, conservation program specialist with the state office of the Agriculture Stabilization and Conservation Service, \$520,000 will go to the ASCS for cost sharing programs while the remaining \$400,000 is earmarked to Soil Conservation Service to provide technical assistance.

Estimated allotment of the cost-sharing funds to the 14 target counties are: Adams County, \$45,000; Berks, \$35,000; Bucks, \$15,000; Chester, \$40,000; Cumberland, \$34,000; Dauphin, \$27,000; Delaware, \$1,500; Franklin, \$38,000; Lancaster, \$90,000; Lebanon, \$18,000; Lehigh, \$20,000; Montgomery, \$28,000; Northampton, \$23,000; and York, \$70,000.

"The balance of the cost-sharing funds will be held in the state reserve to be used where and when needed within that area," adds Pennay.

Pennsylvania's funding is part of the \$45.3 million allocated nationwide by USDA for conservation technique installations in specific areas that studies have shown to be excessively erosion prone.

Pennay anticipates that the funding will be available for both annual cost sharing programs and for long-term conservation agreements.

Long term agreements cover a

plan that encompasses five years or more of conservation installation improvements. However, because additional years of funding are not guaranteed, the total dollar cost of long-term plans must be committed the first year, while the monies are "in hand."

Levels of cost sharing will be determined in each county, with the ASCS limit of sharing a maximum of 75 percent, if the county board chooses to establish it at the top level.

"Almost all normal erosion control programs, such as sod waterways and diversion terraces, will likely be included for cost-sharing, Pennay believes. Special emphasis will be put on the installing of conservation improvements that show a quick return in slowing soil and water runoff.

The target funding will not address the controversial issue of nutrient runoff from animal wastes.

"This funding is for erosion control," emphasizes Pennay. "It is not a pollution control program, and animal waste related facilities are not included."

The target funds are in addition to \$3.7 million Agriculture Conservation Program (ACP) funding for conservation measures, Pennsylvania's share of the nation's 1984 budgeted funds for the programs. Of the state's \$3.7 million of federal funds, Pennay estimates that about a third of those monies will also be utilized in the 14 counties of the Mason-Dixon area.

Still additional funds could be granted later if the Environmental Protection Agency earmarks the



Soil Conservation Service's Lee Bentz, left, and York farmer and conservation enthusiast Geary Huntsberger confer after York's ag advisory committee meeting.

Chesapeake Bay watersheds for cleanup monies to improve the quality of water in the Bay. Pennsylvania's 14 counties in the target area, as well as 8 in Maryland, comprise the Mason-Dixon Erosion Control area, the watershed of the Susquehanna River, which feeds the upper Chesapeake Bay.

Should EPA designate the Bay watershed for cleanup monies, funding would be on a 50-50 basis, with federal and state governments sharing equally in the costs.

Stirring up interest in involving target area farmers in additional conservation technique installation may take a bit of a

"selling job" speculates the state ASCS specialist.

York County's Conservation District has already begun working on that job of "selling conservation."

Last week, following an initial meeting to stir up interest in conservation in one critical watershed area, an Ag Advisory Committee was formed to assist in the further promotion and education of proper soil and water preservation methods.

Focal area is the South and East Branch watershed of the Codorus Creek, sole supply of drinking water for the 125,000 people of the

metropolitan York area, and a productive segment of agriculture with nearly half of the farmland classified prime or important. Recent land use surveys by the York Conservation District point to an 81 percent potential for high soil losses in this agriculture-based watershed.

Plans are also underway for representatives of the Conservation District to meet with interested officials in the six townships in the watershed, to familiarize municipal leaders with the conservation services available through existing agencies.



Linda Houseal, manager for the York Conservation District, helps sign up members for the district's Codorus watershed advisory committee.

Conservation volunteers are cited

HARRISBURG — This is the National Year of Volunteerism — May 1, 1983 to April 30, 1984 — to recognize generous and civic-minded volunteers who are making better communities.

Peter Myers, Chief of the USDA Soil Conservation Service, said that in 1983, across the nation, more than 600 volunteers donated 68,000 hours to help SCS put more conservation on the land. At an average of \$8.00 an hour, the contribution totals more than \$500,000, Myers said.

Volunteers assist farmers and other land users to reduce wind and water erosion, keep streams

clean, and promote good land use. They help with SCS work on the land, in schools, with organizations, and in offices.

In Pennsylvania, State Conservationist James H. Olson applauded the more than 30 volunteers for acting on their concern for natural resource protection and for helping SCS accomplish its mission. SCS in Pennsylvania leads the nation in the number of volunteers.

The volunteer concept is not new to SCS. Historically, it has worked with farmers and community leaders on a volunteer basis. The

volunteer efforts of 15,000 conservation district directors form the backbone of a strong local conservation program. Resource conservation and development councils, as well as watershed projects, involve thousands of volunteers each year. This new program expands on that cooperation.

Individuals interested in volunteering their services should contact the local office of the Soil Conservation Service. Volunteers receive legal protection as well as insurance for any work-related injuries.

Fayette dairymen receive top production awards

UNIONTOWN — The Fayette County DHIA recently held its annual meeting and honored those members who achieved top dairy production records during the past year.

Among the top winners honored were:

Ralph May, of Mill Run, received awards for the highest cow in fat production with 978

pounds and the lowest somatic cell count in the county with an average of 119,750.

William K. Jackson, of Jackson Dairy Farms, New Salem, also received a pair of awards for the high herd in milk production with an average of 18,490 pounds on 114 cows and the high herd in fat production with an average of 669 pounds.

Walter Brown, of Connellsville, had both the best improvement in milk and fat production in his herd with a hike of 2,581 lbs. of milk per cow and an increase of 101 lbs. of fat per cow.

Rodney Smith, of R3 Belle Vernon, had the highest producing cow in milk with 25,352 lbs.

The top ten herds in the county in fat production included:

Owner's Name&Address	Brd.	No. Cows	Milk Lbs.	Fat Lbs.	Protein Lbs.
Jackson Farms R1, New Salem	3	114.0	18,490	669	579
Ralph Hay, R1, Mill Run	B3	29.6	16,177	626	529
Randy Brown, R2, Acme	B3	28.1	17,438	624	574
Paul Burd&Sons, R5, Uniontown	B3	48.6	16,106	593	515
Kamp Farms R2, Confluence	B3	83.2	15,820	589	512
Herring Farms, R1, Farmington	B3	82.2	15,878	588	541
Thomas G. Lane, R1, Fayette City	B3	50.8	16,589	580	532
Edwart Burnworth, R1, Confluence	B3	61.2	15,908	571	518
James Poorbaugh, R2, Mt. Pleasant	B3	54.0	16,050	563	516
Jackson Farm #2 685 Bull Run Road, Brunnerville	3	73.3	16,159	558	514



Shown with Pennsylvania Dairy Princess Tammy Cree, of Carmichaels, are two of the Fayette County dairymen who were honored for top production records, Ralph May, left, of Mill Run; and William K. Jackson, of Jackson Dairy Farms, New Salem.

MILK MARKET NEWS

DAIRY FARMERS WILL RECEIVE \$13.63 FOR NOVEMBER MILK

NEW YORK — Dairy farmers who supplied milk plants regulated under the New York-New Jersey marketing orders during November 1983 will be paid on the basis of a uniform price of \$13.63 per hundredweight (29.3 cents per quart), according to Market Administrator Thomas A. Wilson. He also stated that the price was \$13.74 in October 1983 and \$13.71 in November 1982. The uniform price is a marketwide weighted average of the value of farm milk used for fluid and manufactured dairy products.

The seasonal incentive fund

returned \$2,487,069.19 (including \$458,068.08 interest) to the dairy farmers' uniform price for November, or \$.278 per hundredweight. The fund was generated by reducing the uniform price paid to producers during the high-production spring months.

A total of 17,195 dairy farmers supplied the New York-New Jersey Milk Marketing Area with 894,999,510 pounds of milk during November 1983. This was an increase of 4.7 percent (about 40 million pounds) from last year. The gross value to dairy farmers for milk deliveries was \$125,826,780.66. This included differentials required to be paid to dairy farmers but not voluntary

premiums or deductions authorized by the farmer.

Regulated milk dealers (handlers) used 380,330,304 pounds of milk for Class I, 42.5 percent of the total. This milk is used for fluid milk products such as homogenized, flavored, low test and skim milks. For November 1983, handlers paid \$14.73 per hundredweight (31.7 cents per quart) for Class I milk compared with \$14.71 a year ago.

The balance (514,669,206 pounds or 57.5 percent) was used to manufacture Class II products including butter, cheese, ice cream and yogurt. Handlers paid \$12.62 per hundredweight for this milk.

The uniform price is based on milk containing 3.5 percent butter-

fat. For November 1983, a differential of 16.9 cents was applied to the price for each one-tenth of one percent that the milk tested above or below the 3.5 percent standard.

All prices quoted are for bulk tank milk received within the 201-210 mile zone from New York City.

Farm Show bus trip set

FLEMINGTON, N.J. — The annual bus trip to the Pennsylvania Farm Show is set for Tuesday, Jan. 10, according to Henry Kuehn, Jr., Raritan Township. The farm show bus trip is sponsored by the Hunterdon County Board of Agriculture.

"This year we reserved two buses," said Kuehn. "Last year over 90 persons made the trip."

Again, reservations must be made in advance and confirmed with payment by check payable to the Hunterdon County Board of Agriculture. Call 201, 788-1338 for details.

Buses will leave the Hunterdon Extension Center at 7 a.m., stop by for north county residents at the old A&P parking lot in Clinton at 7:20.

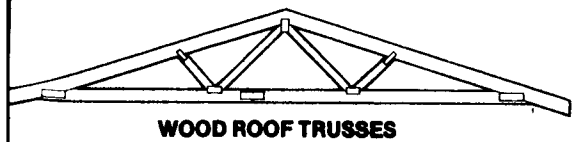


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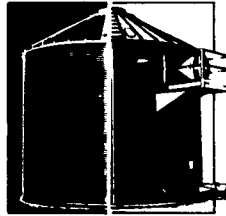
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New dairy group formed

ALTOONA — Restructuring within the Pennsylvania Dairy Promotion Order has led to the creation of a new organization, Pennsylvania Dairy Promotion Services. The new offices will be located in Altoona, and will handle county promotion and the Penn-

sylvania Dairy Princess Program for Federal Orders 2, 4, and 36.

All of these units are members of the United Dairy Industry Association. They fund Pennsylvania County Promotion and the Dairy Princess Program on a pro-rata basis, depending on the

number of producers and/or counties they represent.

The formation of this new organization will enable the three units to run a unified dairy princess program. There are presently 39 reigning Pennsylvania Dairy Princesses representing 46 counties, including a State Princess. These young women travel throughout their respective areas for the purpose of promoting the sale of milk and milk products.

For further information on the Pennsylvania Dairy Princess Program, contact the new office at R3, Box 360, Altoona, Pa. 16601, Mim Kauffman and Judy Diebold, co-chairwomen.

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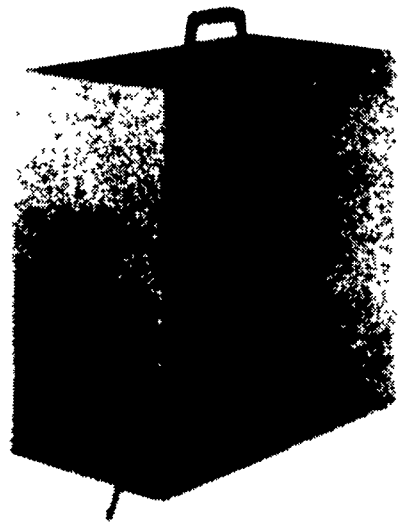
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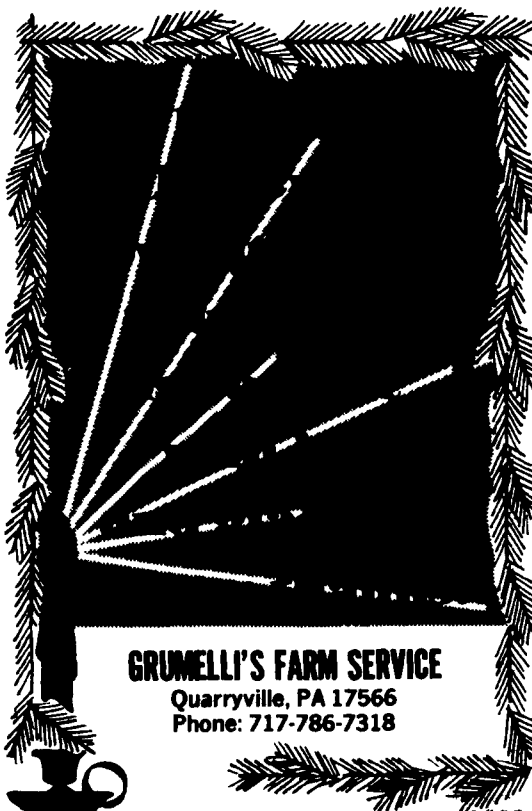
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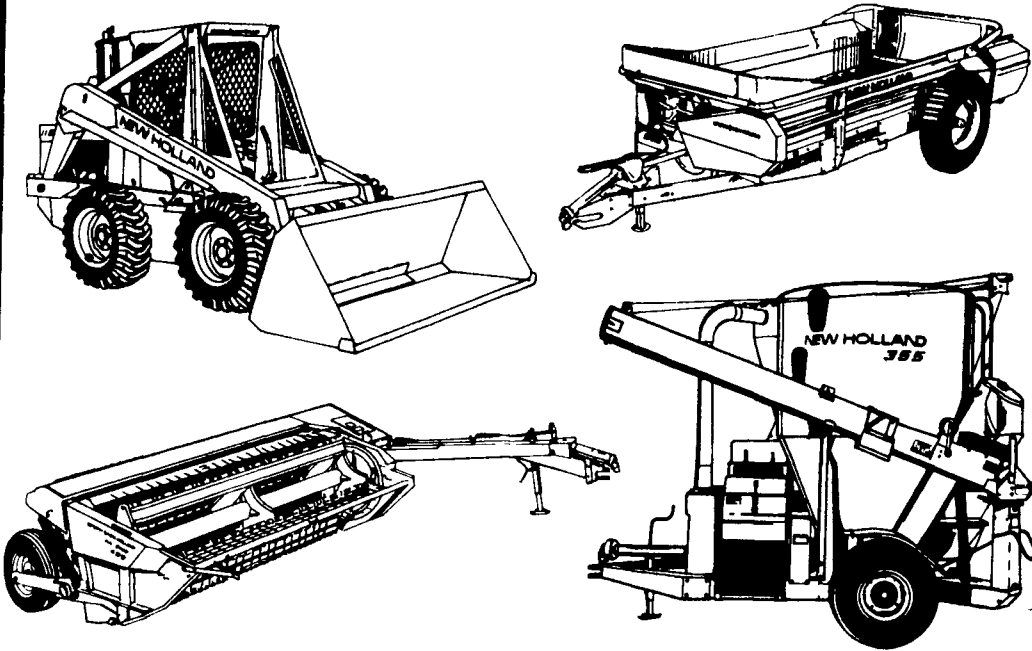
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Sale Reports

A Public Sale of farm machinery and household goods was held December 17 by Milton and Eva J. Reichard, 9 miles east of Shippensburg, Cumberland Co., Pa. There were 300 registered buyers at the sale.

Some prices received were: 2 Farmall M tractors \$1090 & \$1175, Gehl 72 flail chopper \$600, J.D. 8' disc \$610, bin wagon \$550, Oliver 3-bottom plow \$540, N.I. 206 spreader \$800, butcher furnaces \$85 & \$125, 3 butcher kettles \$85 to \$110, 18 year old mare \$375, wheat & leaf butter print \$130, Frank Feather's carved spoon \$125, Teddy Bear (no eyes) \$250, 6 pressed-back chairs \$390, and Remington 22 cal. rifle with scope \$145.

Art Rife and Mel. Sensenig were the auctioneers.

XXX

A Public Auction of farm machinery was held December 17 at the Lebanon Fair Grounds, south of Lebanon, Pa. There were over 1500 people at the sale and 3 clerks were unable to register all the buyers.

Some prices were: Case #1270 tractor \$6300, J.D. "D" tractor \$2250, J.D. "L" tractor \$900, A.C. D17 tractor \$1475, Farmall cub & mower

\$2150, Int. #715 combine \$5000, J.D. 4420 D combine \$30,500, J.D. 680 spreader \$3300, M.F. grain drill \$2300, J.D. 400 tractor & mower \$3600, J.D. snowmobiles \$400 & \$700, J.D. snowblower \$400 and Ampro rototiller \$525.

Auction conducted by John E. & Paul E. Martin.

XXX

A Public Auction of farm machinery and trucks was held December 17 by Charles E. Roe, 6 miles north of Easton, Talbot Co., Md. at the Forrest Landing farm.

Some prices were: A.C. 7060 tractor \$15,100, J.D. 6600 combine \$9000, platform head \$900, corn head \$1400, 1974 Int. dump truck \$11,600, '78 Int. 1700 truck \$12,200, 7-bottom plow \$4600, 5-bottom plow \$1600, Int. 966 tractor \$8200, power take-off ditcher \$1125, hydraulic log splitter \$525, manure spreader \$3200, bush hog \$875, drill \$4100, road scraper \$275 and 300 gal. sprayer \$525.

Auctioneers were Clifford S. Andrew and James C. Andrew.

XXX

An Auction of antiques and collectables was held Dec. 17 for Edna B. Bucher and Robert C. Bucher at 514 Main Street, Harleysville, Pa.

A two bedroom house at 514 Main Street, Harleysville was sold on the same date for \$43,500.

Other prices included: Kellogg Thayer print \$250, Perkiomen Region book \$185, pewter whale oil lamp \$150, 2 flax combs \$140, flax brake \$375, Tobias Nice's walking cane \$60, Harleysville fish iron (schlag iesa) \$155, small slipware dish \$195, old local photographs \$5 to \$25 each.

Sanford A. Alderfer, Inc. auctioneers.

XXX

A Public Sale of real estate, antiques and oak furniture was held December 17 for the Beulah E. Troutman estate near the village of Mt. Aetna on Greble Rd.

The 39 acre farm included a 2½ story log frame house, bank barn with 4 mows, chicken house & corn crib plus pig stable, summer house and a butcher house and it was sold for \$81,000. There were 195 registered buyers at the sale.

Other prices were: round oak table \$775, 2 sets of 6 oak chairs \$92.50 each and \$52.50 each, oak kitchen cabinets \$410, \$185 & \$105, square extension table w/boards \$275, pie cupboard \$330, blanket chests \$250, \$190 & \$120, camelback trunk \$110, jelly cupboard \$225, 3-three piece oak bedroom suites \$600, \$425 & \$400, sideboard \$100, Empire bureau \$130, woodchest \$100, Victrola \$205, wood-coal kitchen range \$310, Estate Heatrola \$200, butcher kettles \$112.50 each and large press \$300.

Dave Risser was the auctioneer.

XXX

The Tubbs Farm dispersal of cattle and farm equipment was held December 14 by Allyn and Connie Tubbs between Waverly and Van Etten, N.Y. on Dean Creek Rd.

One hundred head of grade Holstein cattle were sold with the 70 mature cows averaging \$600 and the top cow selling for \$975.

Other prices were: Ford County 4 wheel drive tractor \$7600, Case 870 D tractor \$5050, Oliver 525 w/cab combine \$3600, Glencoe field cultivator \$3050, 16' Case disc \$1500, 300 bales of hay \$4150 and 300 ton of silage \$3550.

Howard W. Visscher, Sales Mgr. & Auctioneer.

XXX

A Public Sale of farm machinery and a milk herd was held December 16 by Wilson and Mary Ellen Arbaugh, 3 miles south of Taneytown along Route 194. There were 292 registered numbers and over 500 people attending the sale.

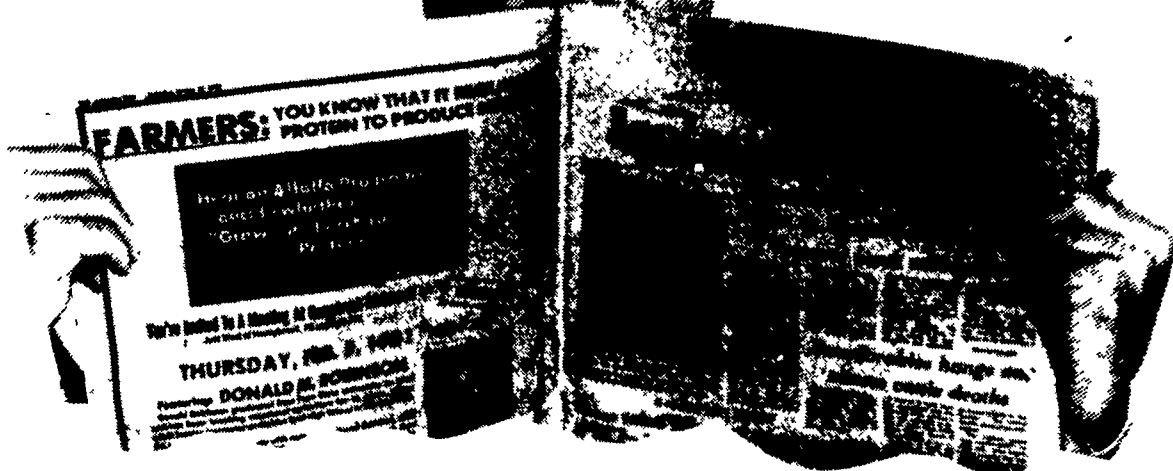
The grade Holstein cows averaged \$476 with the top cow bringing \$1000. The Jerseys cows brought \$910, \$850 and had an average of \$487.

Other prices included: J.D. 4030 D tractor \$11,000, J.D. 2520 D w/loader \$9075, N.H. 273 hay baler \$2025, M.F. 235 G tractor \$4200, bale thrower wagons \$1150 & \$925, N.I. 607 unloading wagons w/roofs \$880 & \$825, N.H. 469 haybine \$1150, chisel plow \$725, N.I. single row cornpicker \$1295, Gehl 72 flail chopper \$960 and Little Giant 34' elevator \$765.

Nevin E. Tasto was the auctioneer.

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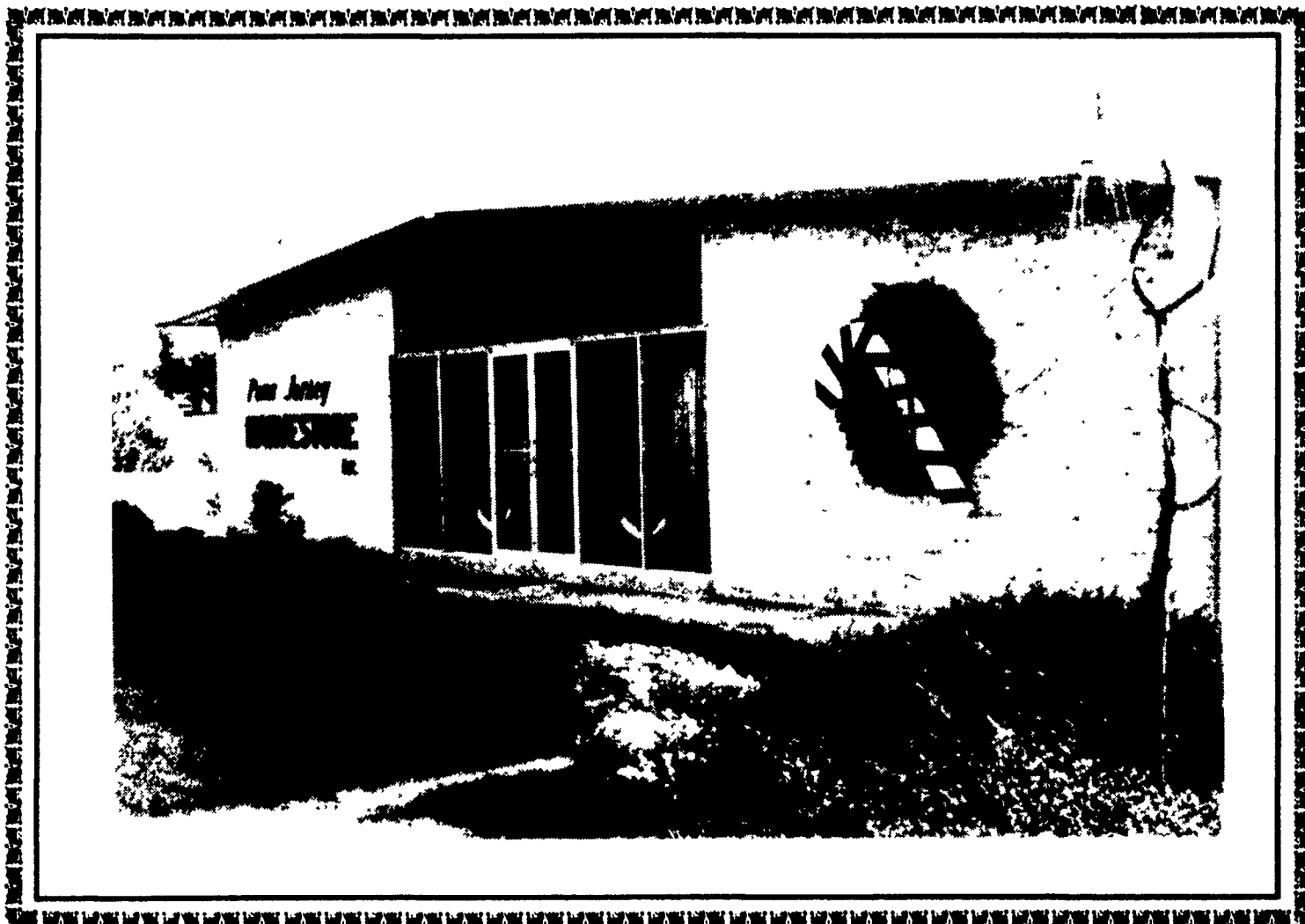
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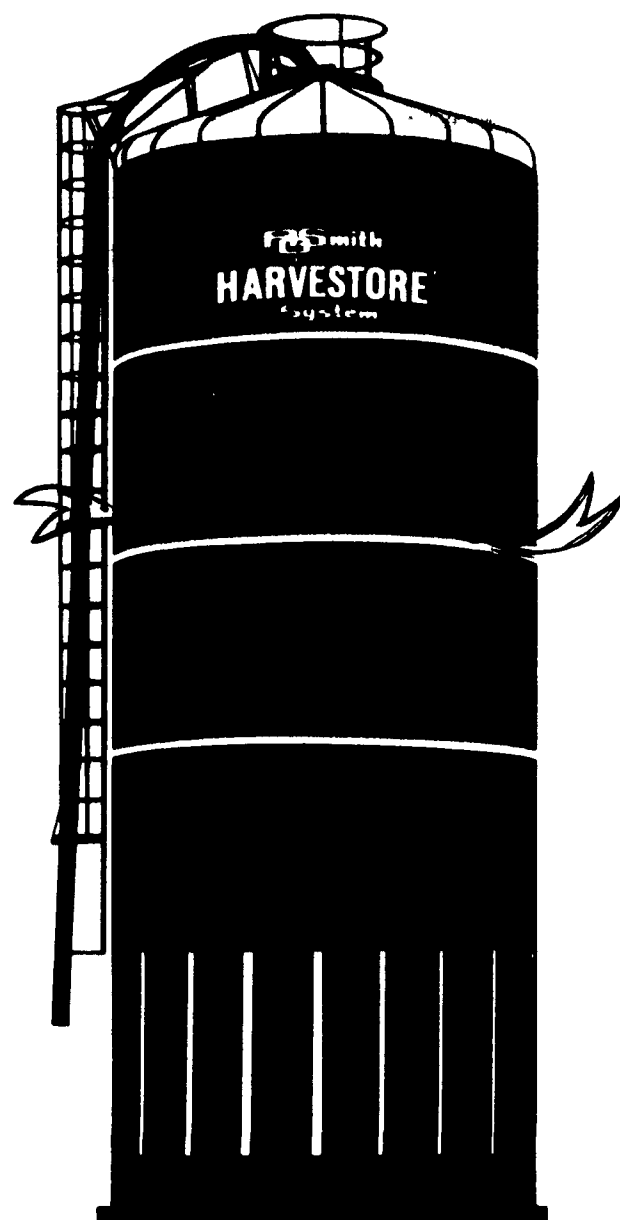


THINK AHEAD...

Read Futures Markets on Page 3.



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Trains are Christmas Tradition

BY SALLY BAIR
Staff Correspondent

When George Swartz puts up his train, he doesn't get it out with the other Christmas decorations and put it up on a Saturday afternoon. For George, "putting up the train" means several months of work, beginning in August when he draws up preliminary plans.

After making about 20 drawings, George says, "I choose the one I like best." Then the actual work begins.

The result is a delightful combination of villages, farms, train yards, mountains and tunnels, and it is a pleasure for youngsters of all ages. With nine trains in the final layout, it is not difficult to see why detailed plans

are a necessity.

Because it takes so long to lay out his S-gauge trains, George puts them out only every other year. He jokingly says he has to have some time for "housework" so on alternate years it is his home that gets attention.

But this is the year, and George has assembled his trains and accessories into a layout which makes him say, "This year's the best I've had so far."

That's saying a lot because George's interest in trains began as a four-year-old in 1956 when his father, Warren, helped him put up his first train. "As I grew older and could do more, it became a joint venture," George recalls. "Now it is a consolidation of things Dad

bought and things I bought.

"I used to not start it until Thanksgiving. When I was in junior and senior high school, I only had three tables, and then I set it up every year," George recalls. "Now it's too much work for more than every other year."

By adding a few things each year the collection has grown, and now it takes five 4x8 sheets of plywood as bases for the extensive layout. There is also considerable wiring necessary to make the switches work and to have the lights on at the appropriate places in the villages and along the tracks.

The control board for the trains is impressive in itself, and George has a diagram to know which switches to throw to change the trains on the sidings.

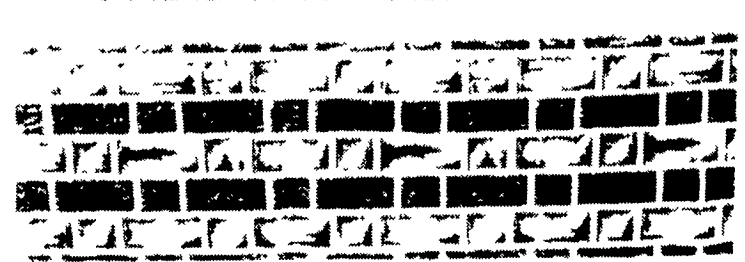
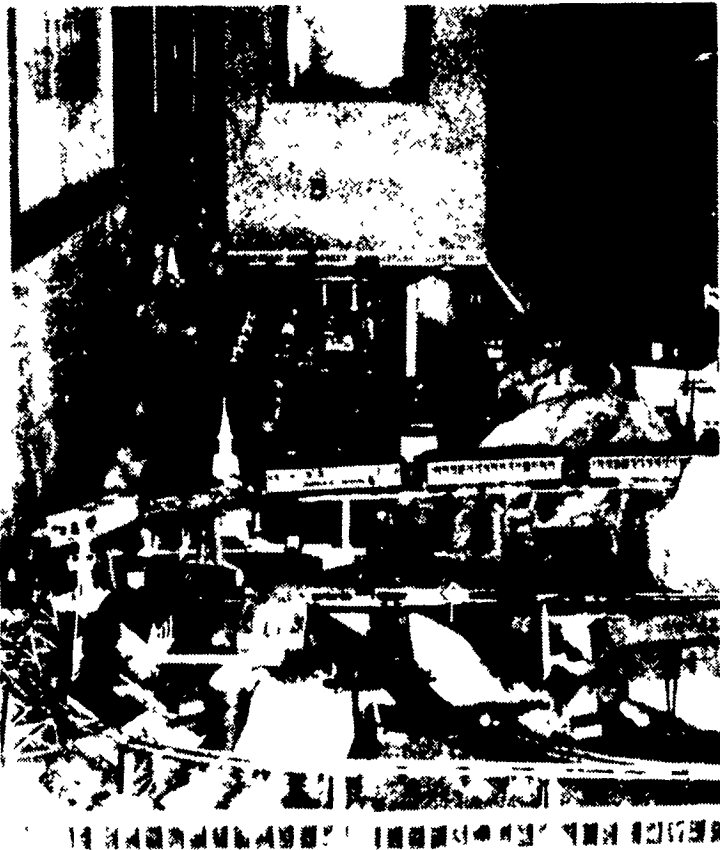
As he operates the trains it is difficult for the casual visitor to keep up with everything that goes on. Two trains can be operated simultaneously. When asked if he ever has collision, George laughs and replies, "Yes, a lot."

It takes some close observation to see all the details that help to make the layout so unique and so real. George credits his wife, Shirley, with helping with many of the ideas. She created a tiny vegetable garden this year which features plants made from colored foam and lichens, and tomato plants which are staked and producing tiny red tomatoes. Last year she added a cemetery behind the church.

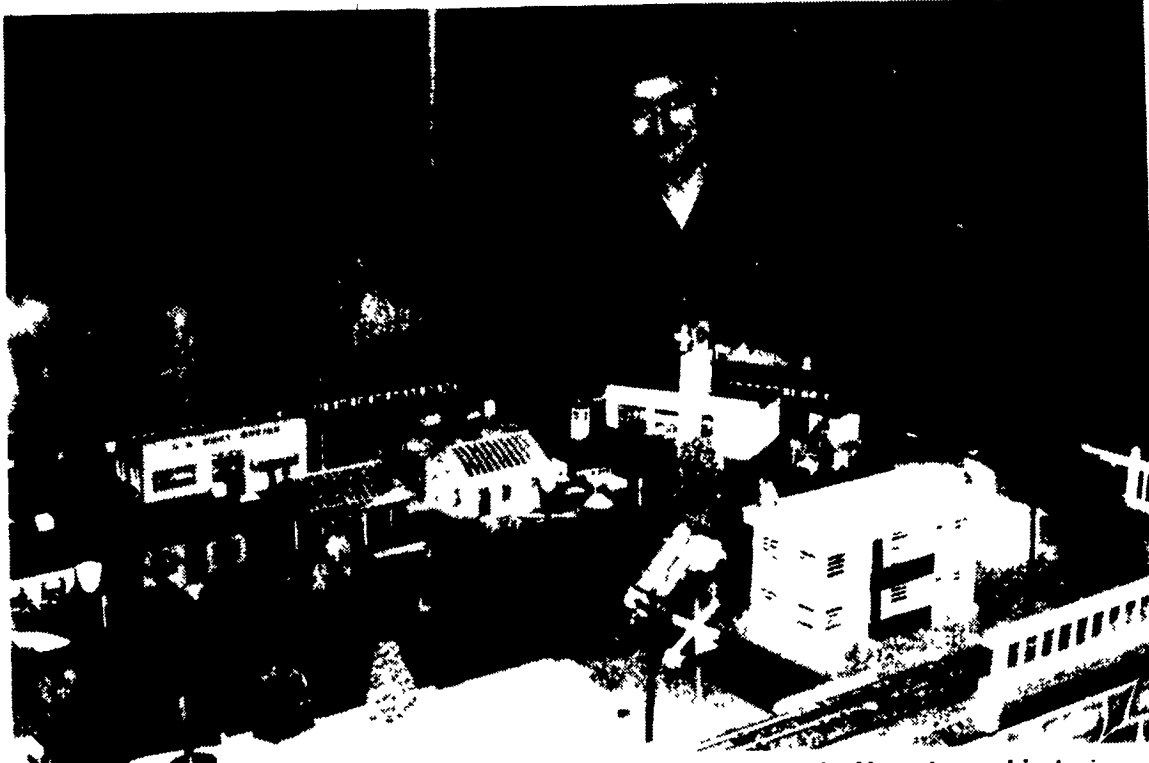
Colored sawdust provides green grass and other features, gravel is used for roadways and streets are sheets of black construction paper glued with rubber cement to the plywood for easy removal. Tobacco paper is used to create realistic looking mountains. George explains that he spray paints the paper, then crumbles it



George and Shirley Swartz work together to locate a problem as they operate their train layout in the basement of their home. Mountains constructed of tobacco paper can be clearly seen in the foreground.



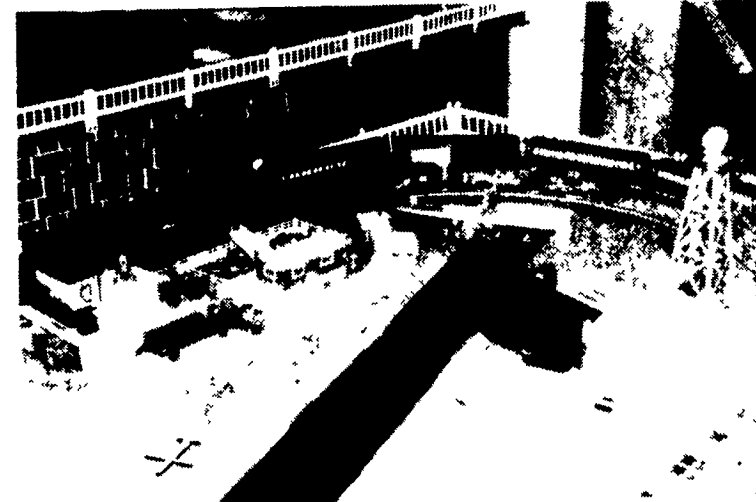
Two trains in the foreground and seven in the train yard give some idea of how extensive George Swartz's train display is. In the foreground is a farm, which includes a greenhouse and bridge as well as barn and silo. Animals and farm equipment are also part of the farming operation.



Engineer George Swartz makes an adjustment to the track. He sets up his train display every other year, beginning in August to draw up plans for the final layout. The nine trains and tracks are spread over five 4x8 foot sheets of plywood.



These are the controls from which George operates his train yard featuring nine S-gauge trains. A diagram helps him when guiding trains into and out of the siding. Three trains can be seen in the background, following the track through fields and around mountains, all of which are created new each time the trains are assembled.



An airport is an integral part of George's layout, partly because he is a pilot for Armstrong World Industries. A tower, hangar and loading area add to the realistic appearance.

and attaches it to a form made from wire coat hangers.

The farm features many animals, including Holstein cows painted by Shirley. She works for Atlantic Breeders Cooperative and insisted on this realistic touch. There is also a greenhouse, running water at a water wheel and 1/64th size farm equipment, working in the fields.

A feature that is unique to George's layout, but a must each year, is the airport, with a plane ready for landing. George is a captain of flight operations for Armstrong World Industries, and in that capacity flies Armstrong planes throughout the United States. He says it was his father

who actually added the landing strip and airport to the design. George's father is a former Navy pilot who taught George his skills.

Because George often has layovers in far away cities, he frequently takes along his model railroad trains which he constructs from a kit and works on them in hotel rooms. The kits include everything necessary to build a car for an S-gauge railroad, including all the tiny pieces of wood to be glued together. George says one of the kits can take about 50 hours, and he's made several trains, one car at a time. It is also on these

(Turn to Page B4)

Homestead Notes



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A village complete with lighted homes and street lights is one of the featured areas in George's layout. There are two houses under construction as well as a road crew working in the area. Note the train traveling along the right hand side of the village, next to the realistic mountains.

Christmas Tradition

(Continued from Page B2)

trips that he begins his layout pains each year.

George sets his goal to have the train operating by Christmas Day, although he said occasionally he will make some changes along the way. The first step is the plan, then the layout with tracks and trains and wiring. The village goes up last, along with other accessories to make the entire layout realistic. Houses have lights in them, as do billboards, and there street and signal lights along the way.

It is extremely difficult and expensive to get new equipment for an S-gauge railroad. George says he gets all his equipment used, although he can still purchase new accessories. He said they look for additional items throughout the year, often adding one or two new cars and a few new accessories.

This year he added a "working car," and is having fun with the two men pumping the car to move around the tracks to the scene of the problem.

There are many exciting cars in George's trains. There is a TNT

car which blows apart when visitors are least expecting it. There is a lumber car which can unload its cargo, and there is a man who uses a forklift to load oil drums. There are passenger trains and freight trains and one even carries missiles.

George says that today most trains have become so expensive that "they are more for collectors than for kids to run. At over \$15-\$20 per car, it is too much for a family."

He finds it sad that youngsters don't have as much interest in trains. He said television and video games have relegated trains to a less interesting status, but recalls spending hours operating his trains as a youngster, with his friends joining the fun.

He said working with trains helped him gain an understanding of wiring, since they require extensive wiring to operate correctly, and he feels they offer a creative outlet.

After the work of assembling the trains, does he have time to enjoy playing with the trains? George replies. "I play with the trains a

lot. It is a relaxing way to get away from everything."

He also enjoys sharing the trains with others, explaining, "Putting the train together is a lot of fun, but what really makes it worthwhile is when children enjoy watching it. It is worth it to see the young children." Shirley estimates that approximately 200 friends and relatives come to view the trains once it is set up at Christmas until it is dismantled in March.

While it takes several months to set it up, George says it also takes about a month to take it down. He and Shirley carefully put every train and accessory back in its original box, and then lovingly store the boxes until the next time.

Once the train is in position, George says there is little maintenance. "I clean the track and oil the locomotives and put oil in for smoke. There is not too much upkeep."

Trains are a very important part of the Swartzes' lives, and when they were looking for a permanent home, the size of the basement was of prime importance: it had to be

large enough to put up the train. Because it takes so much space they don't feel they can keep the train out year round, but George is hoping to finish the basement, and perhaps someday the train can be expanded.

These trains are obviously too large for under a tree, so last year Shirley gave George a miniature N-gauge train for under their family tree.

Both Shirley and George like the real thing, and they especially like riding steam railroads. George says there are a surprising number still around in the East, including the Strasburg Railroad and the East Broad Top Railroad. He also has a collection of lanterns from real railroads.

Trains have become a tradition associated with Christmas, and George's tradition has expanded into a year-long hobby. On Christmas day, his happiest moments will be spent running his trains and sharing the months of work with his relatives and others.



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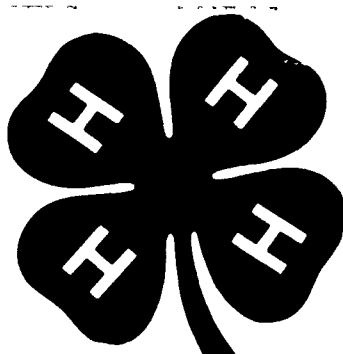


Lehigh Baby Beef Club

Officers of the Lehigh County 4-H Baby Beef Club were elected at a recent meeting. They are: Seth Gruber, president; Lewis Trexler, vice president; Bonnie Wessner, treasurer; John Skrys III, secretary; Rhonda Hartman news reporter; John Skrip, custodian; and Debra Kraus and Seth Gruber,

teen council.

A county bowling tournament will take place Dec. 29 at Jordan Lanes, Allentown. A Beef Club officers meeting will be Jan. 15. The next meeting of the club will be Jan. 16 at the Farm Credit Building, Fogelsville, at 7:30 p.m.



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On being a farm wife -And other hazards

Joyce Bupp



Rain. Pouring rain. Sheet off the barn roof, pounding the apron of blacktop around the buildings, cascading over miniature waterfalls as it gathers momentum down through the pasture.

"Mom, can I go get a Christmas tree?"

"Now? It's pouring outside. The trees are soaked and you will be, too. Wait until tomorrow evening."

After some minutes of silence, unusual stillness for the late afternoon of a school day, I suddenly question the lack of noise.

"Where's your brother?"

"He went to get a Christmas tree."

After fifteen years of motherhood, something tells me I should have known.

A banging of doors downstairs announces the tree seeker's return, bearing the object of the search, which is described as being "maybe just a little big."

Shaking the clinging raindrops from the aromatic branches, they haul the prize into the basement, do a bit of mental reckoning, and retrace their steps, tree dragging along.

A foot of "big" is lopped from the bottom. Another yard of unruly branch jutting out the top earns the same treatment.

After chores, and a chance for a final drip-dry, the cedar returns to the house. Site selection is critical. Previous locations are discussed - and discarded.

They want it in the living room, already too small for the part it plays in family activities.

"We don't care. We want it in the living room."

Some minor juggling of furniture and the chosen spot for the cedar is cleared for a trial stand.

"Get the saw!"

Off comes another foot of trunk and scented branches.

Stabilized in a plastic bucket swiped from the calves, the tree stands in all its natural beauty. Size wise, it's overwhelming.

In fact, the foliage is as wide as it is high. My favorite reading chair has cedar tips protruding halfway across the seat. And if the farmer stretches out to watch TV (sleep) on the couch, the outlying lower branches will tickle his nose.

"A bush." I tease. "We have a Christmas bush this year."

"Mother!" comes a sharp reprimand in my direction. "Don't say a word about this tree. For once it's big enough to hold all our decorations. I love it!"

Love.

Isn't that what it's all about anyway?

Take this humble, ordinary cedar for instance. Arrayed with shining balls, stars, soft pom-pom teddy bears and snowmen, cookie dough homemade ornaments, strings of styrofoam "packing peanuts" strung years ago by the kids and treasured mementoes from friends, past teachers and each other, this tree is transformed.

Transformed to something special. With love.

There was once another who came, humble, to lowly, ordinary stable setting. It is He whom we celebrate, this one who came full of grace and wrapped in love. It is that love, still today, which can take the simple, the lowly, the ordinary, and transform it to something special.

May His birthday celebration reach into the ordinary lives of you and me, and let them, too, become transformed with hope and joy, peace and love.

From all of us, gathered around our very special Christmas bush, to you and yours, a blessed and a Merry Christmas!

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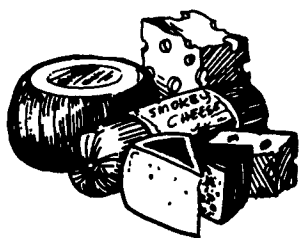
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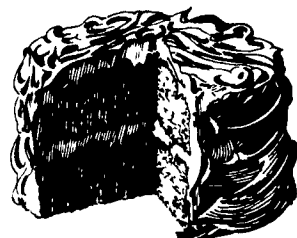
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Home On The Range



Toast the Holidays with a Cup of Cheer

You've planned your dinner and baked your cookies, now all you need is a snappy punch or eggnog recipe to complete your meal. Some of the recipes are even red, making them just the right color for Christmas.

These two recipes come from Charlotte Stratton, Chambersburg.

PUNCH

- 1 large can pineapple juice
- 1 cup lemon juice
- 1 cup sugar
- 1 pint cranberry juice
- 2 quarts ginger ale

Chill all juices and ginger ale. Combine juices and sugar in punch bowl, add ginger ale last. An ice ring of cranberry juice, garnished with orange or lemon slices can be floated in the punch.

HOLLYBERRY PUNCH

- 1 can (6 oz.) frozen lemonade
- 1 can (6 oz.) frozen orange juice
- 5 cups water
- 1 quart ginger ale, chilled
- 1/4 cup grenadine syrup

Combine all the above ingredients in large punch bowl, except ginger ale which is added last. Float lemon or orange slices for garnish.

TEA WINE WARMER

- 1/2 cup brown sugar
- 1/3 cup instant tea powder
- 1/4 teaspoon ground cinnamon
- 1/8 teaspoon ground cloves
- 1 quart water
- 1 32-ounce bottle cranberry juice
- 1 bottle (4/5 quart) burgundy wine

Combine ingredients in large saucepan. Heat through, but do not boil, stirring occasionally.

HOT ALMOND EGGNOG

- 3 quarts dairy eggnog
- 3 cups milk
- 3 tablespoons almond extract
- whipped cream
- slivered almonds

Heat eggnog and milk in a large, heavy saucepan, stirring occasionally. Remove from heat and stir in extract. Serve garnished with dollops of whipped cream and slivered almonds.

EGGNOG WASSAIL BOWL

- 3 quarts dairy eggnog
- 1 1/2 quarts cider
- 1/2 teaspoon nutmeg
- 1/2 teaspoon cinnamon
- 4 whole cloves
- 1 teaspoon grated lemon peel

In a saucepot combine eggnog, cider, nutmeg, cinnamon, cloves and lemon peel. Heat over low heat, stirring occasionally.

FROTHY EGGNOG

- 8 eggs
- 3/4 cup sugar
- 1/2 teaspoon salt
- 1 to 2 tablespoons rum extract or brandy extract
- 1 teaspoon vanilla
- 2 quarts milk
- 1 cup whipping cream
- nutmeg

In a large mixing bowl beat eggs at high speed of mixer, until thick and foamy. Gradually add sugar and salt, then rum or vanilla extracts. At low speed, gradually add milk. Cover and chill. Just before serving, whip cream; fold into eggnog. Pour into punch bowl. Serve garnished with nutmeg.

Patsy Herr
Willow Street



A red punch adds a festive touch to holiday celebrations.

The next two recipes are from Betty Blehl, Mertztown.

CRANBERRY EGGNOG

- 6 eggs
- 3/4 cup sugar
- 1 pint cream
- 2 quarts cranberry juice
- ground cloves

Chill all liquids. Separate eggs, beat yolk until frothy and add 1/2 cup sugar and beat until smooth. Beat whites into peaks, add remaining sugar and beat until

smooth and shiny. Fold yolks into white until all patches of white disappear. Pour in cream, then cranberry juice and stir thoroughly. Serve cold with cloves on top.

PINK LADY PUNCH

- 2 cups cranberry juice cocktail
- 1 1/2 cups sugar
- 2 cups pineapple juice
- 2 quarts chilled ginger ale

Pour cranberry juice over sugar.

Stir and add pineapple juice, ginger ale and ice.

EGGNOG ICE CREAM FLOAT

For each serving, mix one scoop of vanilla ice cream and one-half cup of dairy eggnog in a tall glass. Fill the glass two-thirds full with lemon-lime carbonated beverage. Add another scoop of ice cream and fill the glass with more carbonated beverage.

Kitchens Reflect Changes in Society

NEWARK, Del. — You can learn a lot about people by looking at their kitchens, and American kitchens are changing, says University of Delaware Extension Home Economist Sally Foulke.

Recently, 1,400 Extension home economists were surveyed about changes that have already taken place, as well as those anticipated over the next decade. They noted that today's kitchens are no longer totally women's domain. Men are becoming more interested in nutrition, cooking, and kitchen appliances. And during the next decade, they said, kitchen duties will be assumed equally by men, women, and children.

Behind this trend is the growing number of women in the work force, which has had other major impacts on American kitchens. For example, 79 percent of the home economists agreed that in making purchases for the kitchen, working women are primarily interested in convenience.

Extension home economists also believe that women employed outside the home are trying to use their time more efficiently. They foresee a trend toward less frequent grocery shopping and more quantity buying. Employed women will spend less time preparing food than they did a decade ago. Interest in nutrition

has not suffered, however.

Time-saving appliances were chosen as the most useful for consumers starting their own households. Among 11 kitchen appliances, the microwave oven and the food processor were selected most frequently. The hand mixer ranked third, with the toaster oven close behind.

When asked which kitchen appliances would be most useful in 1992, Extension home economists again selected the microwave oven and food processor. They believe deep fryers may be obsolete by 1992. About 60 percent predict the same fate for traditional ovens and

stand mixers.

Consumers will use less energy due to more energy-efficient appliances and energy-saving practices.

Extension home economists also predict that more home computers will be used in American kitchens. Fifteen percent of those questioned indicated this would be among the most significant changes during the next decade. They believe computers will be used to inventory supplies, program appliances, determine calories and nutrients, compile shopping lists, order groceries, prepare food, and other tasks.

Cook's Question Corner



QUESTION - We're still looking for last week's recipe requests, drop-out cookies using sugar substitutes, whole wheat sugar cookies, canned spicy chili sauce, chili con carne made with kidney beans and ground meat, and spicy canned pears.

QUESTION - I would like the recipe for Leb cookie or Leb Kuchen.

Mildred A. Wessner
Lenhartsville

Recipe Topics

December
31
January
7
14

Calorie Counting Favorites

Chinese Recipes from Mifflinburg FHA
Favorite Hamburger Dishes



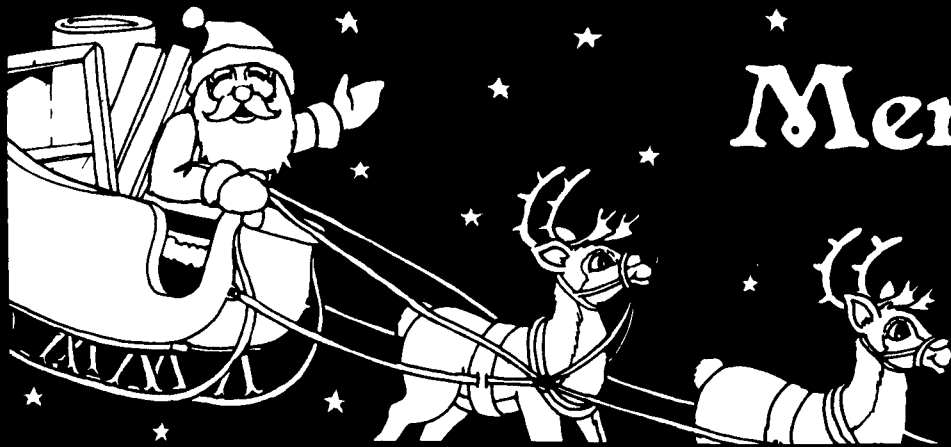
Featured Recipe

This week's featured recipe is from Doris Shenk. She described her "Yuletide Punch" as "real good and refreshing." Read about how Doris helped plan a Christmas Eve wedding in a springhouse on page B13

Yuletide Punch

- 2 quarts cranapple juice
- 1 quart orange juice
- 1 1/2 can of pineapple juice
- 1/2 cup granulated sugar
- 1 large bottle of ginger ale, chilled
- 1 quart rainbow sherbet

Combine and chill juices, add sugar. Stir until dissolved. Pour in punch bowl. Just before serving add small scoops of sherbet to top.



Merry Christmas

From

CARTER



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2"x10"	4.21	5.27	6.32	7.37	8.44	10.50	11.67
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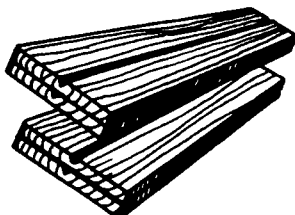
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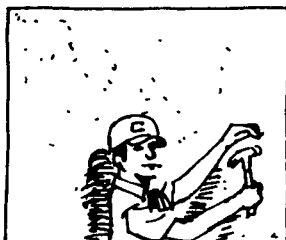
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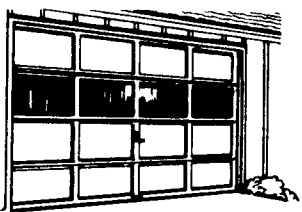


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11'	11.05	—	—	—	—	12.02
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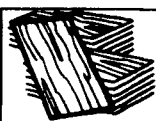
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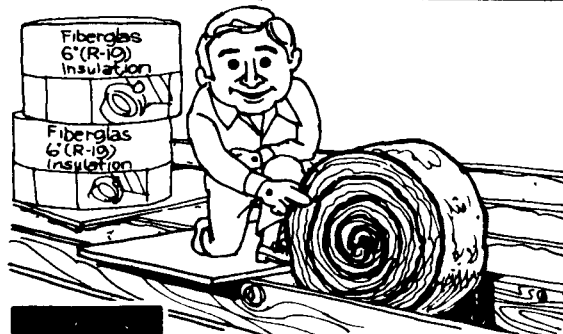
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Ida's Notebook

Ida Risser



This fall I tried something new — well, not exactly new. I signed up for an eight week course in furniture refinishing. Our three boys had all taken woodworking in high school and therefore were able to advise me when I wanted to refinish a piece previously.

However, when I purchased a hand carved antique towel rack at a public sale, I ran into trouble getting the chipped and cracked varnish off of it. So I decided it was time to learn how to do it properly. Our township sponsors classes in everything from swimming to computers and so I found myself working in a converted carriage house. We worked in a horse stall.

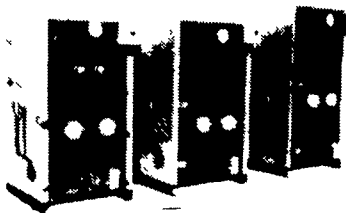
That's right, a horse stall with a brick floor and an iron trough in the corner. Of course, everything was very clean and carefully varnished.

There were about 10 in my class and most of them brought in one large piece such as a table, a desk or an old ice box and worked on it all through the course. I brought my towel rack and finished it in one night plus a bit of homework. Each of the following weeks I took something else so that when the course was over, I'd completed an oak cane-seated chair, a matching oak rocker, a toy high chair, and a

wooden bucket with a lid. Besides that I started and finished a large ornate oak bureau with solid brass pulls that was given to my grandmother when she married. It was a big job and I managed to surprise Cindy when she came home from college as it was in her bedroom.

Now that this work is behind me, I'd better get some evergreens and ribbon on the front and back doors, buy and decorate a Christmas tree, bake a few more cookies and wax the kitchen floor before the family arrives for the holidays. Why am I still sitting here writing?

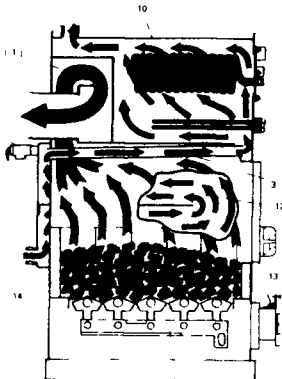
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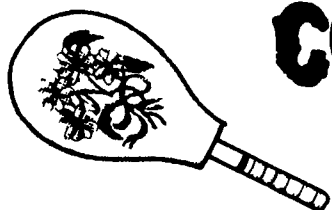
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CRAFT CORNER



Colorful beginner afghan

With the chill of winter creeping in, why not start an afghan now? Even beginning crocheters can make multicolored designs with ease.

Afghans provide beauty, warmth and comfort on cold winter nights. They can also help save on heating costs.

The granny square afghan pictured here is made of Bernat "Bercella 4" yarns. With large squares and fast, easy crochet stitches, the granny square is recommended for beginners and available by writing to the address that follows this column.

For generations, of all the fashions, accessories and home decorations it has been possible to crochet, the afghan has certainly been the best-loved project. Of all possible designs the granny square has been the unquestioned leader in popularity.

Afghans are popular for many reason. For one thing, they can be made in a dizzying array of colors, designs and textures. Even more

important, afghans feel wonderful when thrown over our laps, wrapped around our shoulders, or covering us like a blanket, indoors or outdoors.

Making afghans is as much a pleasure as using them. With granny squares, because you work in small pieces, the crochet work is especially easy to handle. When you make up your designs, granny squares provide an opportunity to try new designs, test color combinations and use up leftover yarns.

When you make granny squares, you work in the round. The corners are formed in the first round; the square, built up with each new round. When all the squares are finished, you simply sew them together.

To make a granny square afghan like the one shown, all you need to know are basic crochet stitches. Any combination of colors is possible. If changing colors smoothly has always seemed a mystery to you, here is one easy

method:

FIRST COLOR: 1. Complete as many rounds as desired with the first color. 2. Draw the yarn through the last loop and fasten off. 3. Cut off yarn, leaving a length long enough to be worked back into stitching when square is finished.

SECOND COLOR: 1. Insert hook into the next corner space. 2. Draw through a loop of new color. Always leave a length of yarn long enough to be worked back into stitches. 3. To secure yarn in place, work one chain with both ends of the yarn. 4. Drop the free end of yarn. 5. Complete round as directed.

HIDING ENDS: 1. Using a tapestry needle, work loose ends into back of square. 2. Be sure to work each end into its own color.

AFGHAN KIT, complete with

instructions and four different colors of "Berella 4" acrylic yarns, is available in "earthtones," "blues," or your choice of four of the following colors: claret (red wine), heather, oxford gray heather, chestnut-brown heather, deep moss green, navy blue, denim blue heather, sandstone (tan) heather, flax (tan-white mixture), and natural.

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4-H Leaders Honored

MEDIA — Forty-one Delaware County 4-H Leaders were honored at the Leaders' Recognition Banquet held at the Towne House

in Media. According to Nadine B. Albany, Extension 4-H youth agent, the program was presented by Barbara Kahler of Sharon Hill, Rosetta Jones, Francilia Bradley, Ruth Chalk, of Chester, and Terry Cylinder, Philadelphia. Each shared their leadership experiences in 4-H.

Councilman Thomas Hayward thanked the volunteer leaders for their contribution to the development of youth throughout Delaware County. He then presented a 21-year certificate to Larry Linvill of Middletown, 19 and 18-year certificates to Barbara and John Kahler, Sr., of Sharon hill, respectively.

Fifteen-year certificates went to Elsie Brown of Ridley Township and Hope Petrosky of Trainer. Ten-year certificates went to Melvin Brown of Ridley Township and Ruth Chalk of Chester. Five year certificates went to Genevieve Albany, of Ridley Park, and Marie Shavers, of Chester. Ruth Green, a teen leader of Middletown was also honored for winning a national award on the county level on dairy goats.



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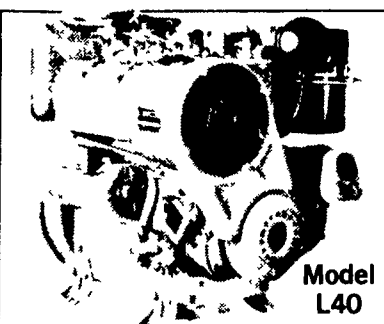
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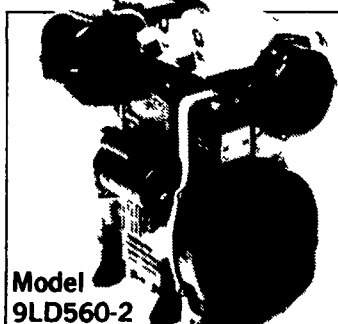
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KERN

12-23-82

Pa. 4-H'er Wins National Honor

CHICAGO, Ill. — A 15-year-old Pennsylvania boy, who has arranged several community service activities in the forestry area, has been named one of six national winners in the 4-H forestry program.

Robert Haskins, R.D. 3, Box 3611, Spring Grove, received a \$1,000 scholarship during the 62nd National 4-H Congress in Chicago.

Selected by the Cooperative Extension Service, winners were presented their awards by International Paper Company Foundation, the program sponsor. Awards are arranged by National 4-H Council.

Haskins, the son of Mr. and Mrs. David Haskins, is a junior at Spring Grove Area Senior High School.

The York County 4-H'er, along with his sister, Carol, started a combined forestry-wildlife club which now has a membership of 10. After an interview with the forester at Pinchot State Park, the group decided to assist with the Lakeside Nature Trail. "We trimmed back shrubs along the trail, planted Eastern Red Cedar to beautify the trail, and stained nature trail identification markers," Haskins said. "The 4-H'ers learned about trees.

equipment and correct forest management practices." Next year they plan to return and place mulch on the one-half mile trail.

Other service activities have included planting 4,000 Austrian pine seedlings around a local lime pit and clearing trash off the roadsides in their township.

Haskins attended a conservation leadership camp, where he worked on a habitat improvement project for the state Game Commission.

He also has gathered data on a one-half acre plot of deciduous forest for the U.S. Forest Service.

He and his sister started a 4-H project of tapping maple trees for the syrup and in two years increased his collection 400 percent. Haskins has served as nature counselor at 4-H camp, judged vegetable and flower garden projects, started a rocketry club and has assisted with petting zoos for the elderly.

Play It Safe with Heater

NEWARK, Del. — If you're using a portable kerosene heater this winter, make sure you operate it safely, says Delaware Extension Garden and Home Improvement Agent Willie G. Adams. Start by reading and following the manufacturer's use and care guidelines.

Remember that good fuel means good performance, says Adams. Use only clean-burning K-1 kerosene. Store it in a cool, dry place away from direct sunlight and out of the reach of children.

Never add fuel while the heater is operating or hot. Don't set the kerosene can lower than the heater tank when filling the heater. Don't allow children to refuel or operate the heater.

The wick is the most critical part of the heater, Adams says. Follow the owner's manual for specific care instructions. Never trim a fiberglass wick.

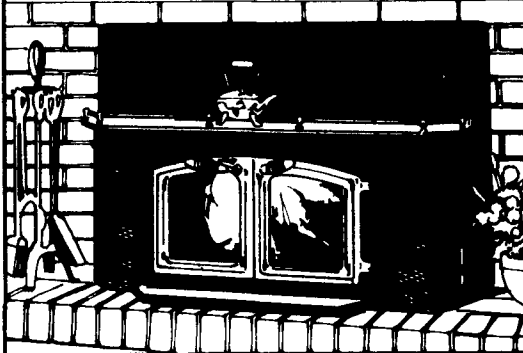
To prevent fire, the Extension agent recommends placing the heater more than three feet from combustible materials such as furniture, draperies and clothing. Never leave the heater burning unattended. Turn it off when you go out or go to sleep.

Always use the heater in a well ventilated place to avoid the risk of asphyxiation from oxygen depletion.

Don't use a kerosene heater as a dryer, or in a moving vehicle.

If you buy a kerosene heater this year, choose one which meets the safety standards established by Underwriters' Laboratories, PFS Corporation, or Japan Heating Appliances Inspection Association, Inc. Save the box your heater comes in for out of season storage. If you've already thrown the box away, Adams says a large, vinyl household trash bag will protect your heater from dust and dirt.

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4-H Awards Banquet Held

WAYNESBORO — Greencastle 4-H Horse and Pony Club held a covered dish dinner and awards banquet with Linda Golden in charge.

The officers for 1982-1983 will give up their office at the next meeting. New Officers for 1983-1984 are President, Kerry Golden; Vice President, Philip Coady; Secretary, Tina Geesaman; Treasurer, Annette Geesaman; and News Reporter, Belinda Geesaman.

Project Books were judged at the Extension office in Chambersburg. Results are: Senior Book, Angie Bailey; Junior Book, Justin Hollingshead; Tiny Trotter Book, Betsy Coady.

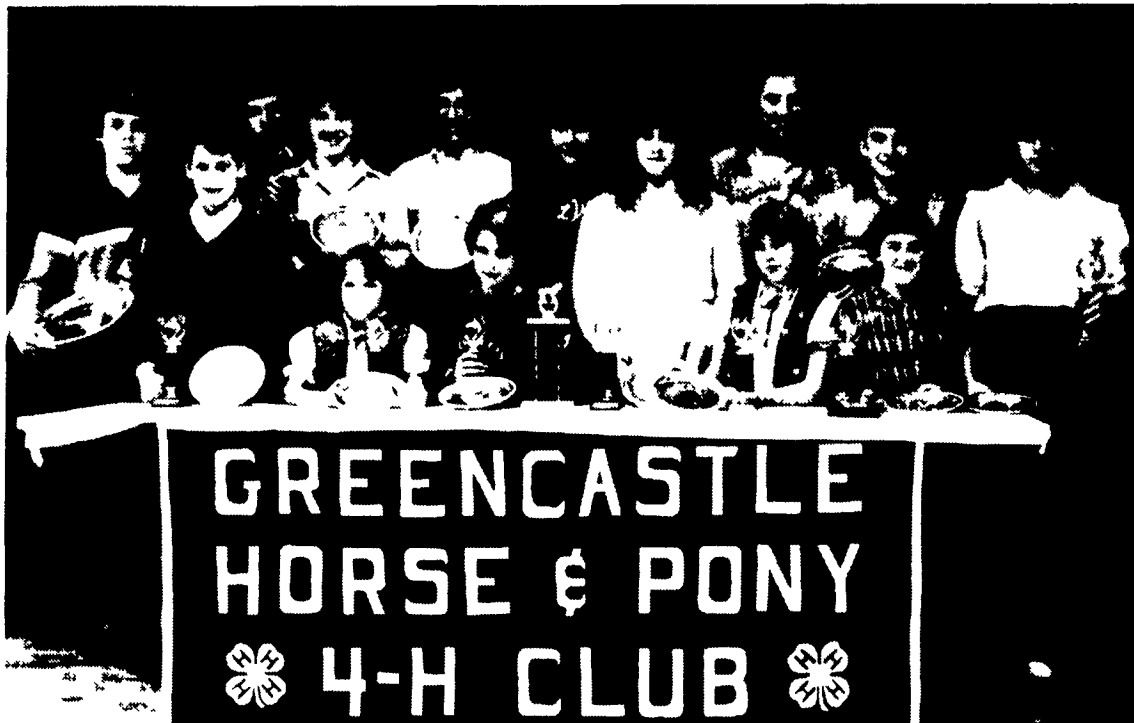
The 4-H Citizens Award Trophy was given to a member who does a

lot, not only in the club, but for the community. This went to Annette Geesaman.

Highest Point Award in the senior group went to Angie Bailey. Junior group award went to Justin Hollingshead. Runners up were: Annette Geesaman, Betsy Coady, Heather Roberts, Kerry Golden, Belinda Geesaman, Philip Coady, Lee Golden, Teresa Geesaman, Tami Whitmort, Tina Geesaman.

Perfect attendance awards went to Angie Baily, Tina Geesaman, Kerry Golden, Annette Geesaman, Lee Golden, Betsy Coady, Teresa Geesaman, Heather Roberts, Belinda Geesaman.

There was a flower pot arrangement given to Linda Geesaman, to thank her for all the help she did for the Club this year.



Members of the Greencastle Horse and Pony 4-H Club are: bottom row from left, Lee Golden, Teresa Geesaman, Heather Roberts, Tami Whitmort, Belinda Geesaman, Betsy Coady. Top row from left, Justin Hollingshead, Stewart Poe, Kerry Golden, Annette Geesaman, Lisa Williams, Stephanie March, Philip Coady, Tina Geesaman.



The new officers of the Pony Club are, from left, Philip Coady, vice president; Kerry Golden, president; Tina Geesaman, secretary; Annette Geesaman, treasurer; Belinda Geesaman, news reporter.

Avila gets NFO post

DENVER, Col. — Ricardo Avila, New England Area Dairy Director for the National Farmers Organization, was elected national vice president at the organization's annual convention in Denver, Col.

With the exception of a four-year stint in the Air Force, he has always worked in some facet of agriculture. After graduating from Purdue University in 1959, he returned to farming full-time.

Soon after joining the NFO, he was elected Zone Dairy Chairman. In 1968, he went to work for the organization on the national level,

holding various positions such as assistant Dairy Director and livestock coordinator for the state of Indiana. He was appointed to his present position of administering the NFO programs in the New England states and that portion of New York State in Federal Order I in 1981.

Avila is well-known in the northeast as a speaker and dairy leader. However, his knowledge extends to all the major commodities handled through the NFO programs.

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SEASONS GREETINGS

"For God So Loved The World, That He Gave His Only Begotten Son, That Whosoever Believeth in Him Shall Not Perish, But Have Everlasting Life."

John 3:16



We Wish Everyone a Merry Christmas and A Prosperous New Year

From All Of Us At

HEISEY FARM EQUIPMENT, INC.

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MEMBER FDIC

Springhouse Scene of Christmas Eve Wedding

BY KIMBERLY HERR

MOUNT JOY — It began with a trip to Germany, which grew into a friendship, which resulted in a transatlantic move and a marriage.

Susie Shenk, Mount Joy, traveled to Germany with the Youth Evangelical Service Team from the Eastern Mennonite Board of Missions in August through October of 1982. They were working with the Baptist Church in Loerrach, Germany, of which Gudrun Funk, a 26-year-old German woman, was a member.

"I had the privilege of living with Gudrun," Susie said.

Susie's mother, Doris, explained what kind of relationship the girls developed.

"They became almost like sisters," Doris said.

But that's just the beginning of the story.

Susie and Gudrun were unsure of when they would see each other after Susie returned to the States. But they did make a promise. If they did not see each other before, they would get together to attend the wedding of whichever one of them married first.

Due to some change of plans this summer, Gudrun came to visit Susie who lives with her parents on their Manheim farm. Doris and Ted Shenk grow vegetables and sell them on the Central Market and Rutt's Country Market. Since Susie works as the art director at the Mission Board and Doris spends a good deal of time on market, a friend of Susie's, Gerald Bender, volunteered to take Gudrun out to see some of the



Susie Shenk, right, met Gudrun Funk, left, in Germany during a trip with Eastern Mennonite Board of Missions. She will be married in Mount Joy on Christmas Eve. Doris Shenk, center, is Susie's mother and is responsible for many of the wedding plans.



This springhouse will be the scene of Gudrun Funk and Gerald Bender's wedding on Christmas Eve.

Glory to God

CHRISTMAS 1983

To our Friends and Customers:

The Christmas Season, a time of joy and sharing, is here, and we wish to extend our greetings to you.

God truly shared with us Jesus and His Spirit which brings joy especially at Christmas.

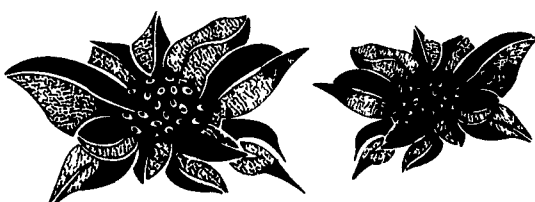
One of the great pleasures of the Holiday Season is the opportunity to exchange cordial greetings with those whose friendship and goodwill we value so highly.

In this spirit it is our pleasure to say "Thank You" and our sincere appreciation for the very pleasant association we enjoy with you.

May all the peace and joy that the Christmas Season brings be yours throughout the year.

We wish you a prosperous New Year.

Telephone (717) 866-6581



Lancaster County sights.

"She fell in love with one of my best friends," Susie laughed.

Doris added, "I could tell something was brewing."

And sure enough, it was. Gudrun returned to Germany this past Sept. 3, but before leaving she and Gerald made plans to be married.

And married they will be on Christmas Eve in a springhouse on a nearby farm, owned by Luke and Jim Brubaker.

Gudrun returned to the United States Nov. 27 ready for her marriage and a new life in America.

"Compared to usual American weddings, this will be very small," Gudrun said.

Gudrun made her own wedding dress. "It's not white, and it's not long," Gudrun laughed. "It's something I can wear again someday."

The wedding will be attended by her parents, who arrived in America last Sunday and, of course, the Shenk family.

"They are my second parents," Gudrun said of Ted and Doris Shenk. "I feel at home here."

But will she miss her German home?

"The distance is a little bit far," Gudrun said. "Maybe I'll see my friends and relatives every other year."

Gudrun laughed as she remembered how her mother had warned her about falling in love with and marrying an American. It seems that Gudrun's mother had never flown, and she told Gudrun if she moved to America, she would never see her.

But Gudrun explained that when she returned to Germany, having indeed met somebody and planning to marry, her mother immediately started making plans to attend the wedding.

"My husband and I will have the wedding reception for her," Doris said. She explained that the wedding will be candlelit, but simple. Since Gudrun does not enjoy American desserts, believing they are too sweet, there will be no traditional wedding cake.

Doris is planning, instead, to make a coffee cake, which Gudrun will like because it is not as sweet.

In addition to adjusting to America's sweet tooth, Gudrun must get used to American farms. She is currently renting an apartment on the farm of Glen Benner, Mount Joy.

"Farmers in Germany don't have as many cows," Gudrun explained. "There is some of everything on our farms. There is a little bit here and a little bit there. My dad grew up on a farm."

And Gudrun is not used to driving every place she wants to go.

"German people walk and bike a lot more," Susie said.

Susie will be returning to Germany this summer. She will be attending the Mennonite World Conference in France and then traveling to Germany to meet up with some old friends she met during her first trip there.

But this time Gudrun will not be there, she'll be here waiting to welcome her home.

Benefit Night ticket available

HARRISBURG — The Pennsylvania State Farm Show Commission has announced that tickets for Farm Youth Benefit Night at the 1984 Farm Show are now on sale at the Farm Show Ticket Office on North Cameron Street in Harrisburg.

The office will be open Monday through Friday from 10 a.m. to 6 p.m. and on Saturdays from noon until 5 p.m. Tickets for the event, which benefits farm youth activities and program improvements at the Farm Show Complex, are \$4.50 for general admission (\$3.50 in advance) and \$6.00 for reserved seating.

This year's Farm Youth Benefit

Night will include musical entertainment from The Ink Spots, Miss Pennsylvania Jennifer Lynn Eshelman, and Al Raymond's "Big Band." "Sassafrass," a bluegrass band from the Greenwood Grange in Clearfield County, will represent the Pennsylvania State Grange on the program.

Tickets may also be ordered by writing Farm Show Youth Benefit Concert, P.O. Box 15724, Harrisburg, PA 17105-5724. Mail orders must be postmarked by December 27 and must include a self-addressed, stamped envelope. Checks should be made payable to the Pennsylvania Department of Agriculture.

IFYE Student Returns in Time for Christmas

BY KIMBERLY HERR
ELIZABETHTOWN — The country that Tina Taylor called home for six months has already celebrated Christmas, but Tina's now home in the U.S. preparing for the holidays.

Tina was an International 4-H Youth Exchange member, leaving for the Netherlands June 12. In that country, Christmas is celebrated on Dec. 5. They also have a celebration Dec. 25, but is a quiet one. Tina returned home on Dec. 7.

"My uncle was an IFYE 18 years ago," Tina said. "When I was about 15, I decided I wanted to be one."

Although Tina wanted to be an IFYE, Holland was not where she wanted to go. Her first choice was New Zealand.

"The Netherlands was the place they (the Exchange board) decided to send me," Tina said.

And even though it was her not first choice, Tina had a lot of positive things to say about the country.

"The best thing was the people," she explained. "They really tried their hardest to communicate with me."

Tina explained that the people in the Netherlands speak a language that Americans call Dutch. The language was foreign to Tina, but she did receive a one-day crash course from the Exchange Foundation in the Netherlands. According to Tina, most of the families she stayed with could speak English, making the language barrier less difficult.

Tina stayed with seven families, spending three weeks with each of them.

"I stayed with mostly farm families," Tina said. "We were out working in the fields and milking cows."

Tina does not live on a farm in the States, but she is used to being around animals from her 4-H projects. She did notice, however, that farms in the Netherlands are different from those here.

"The farms are smaller (in the Netherlands) and the house is connected to them," she said. "You can walk from the kitchen right out to where the cows are."

Tina also explained how three or four of the farmers go together to buy machinery and then share it.

The farms were not the only difference. The food was also a change from Tina's diet at home.

"We had a lot of potatoes and a lot of bread," she explained, adding that the meat they had was usually in small portions. "Meals are very much a family time," she said. "It is their time to share."

They are very socialable people," Tina said. And in addition to their dinner, they also have coffee breaks four times a day, according to Tina. At 9 a.m., 3, 5 and 8 p.m., the family gathers for coffee.

"They do it just to be socialable," Tina said. "The fathers even come in from the fields."

Another difference was the flatness of the land. According to Tina, bicycling was popular and she attributed that to the fact that the land was so flat.

With all the differences, did she ever get homesick?

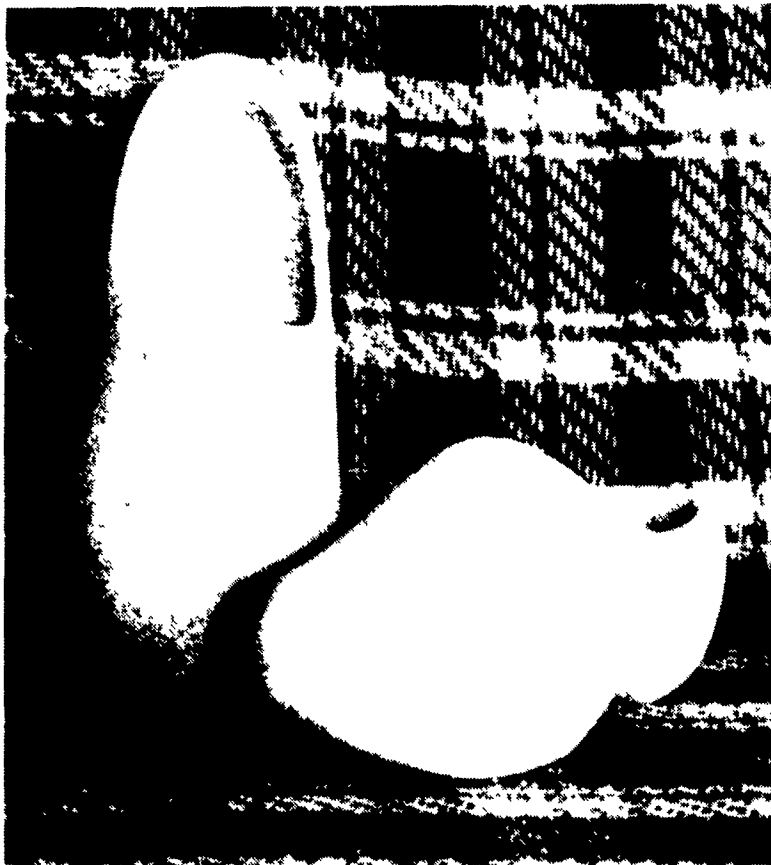
"About the middle of October when there wasn't enough to keep me busy," Tina answered. "I got very bored at first. I had to learn to appreciate the simple things they would do." One of those simple things was knitting, which Tina learned to do.

She explained that during the summer they spent a lot of time swimming, wind surfing and sailing. According to her, the weather in the Netherlands is similar to the weather here. Tina explained that they too had a very dry summer, with temperatures in the 80s and 90s. Although the weather was good for a tourist, it was bad for the crops, she said.

After her experience as an IFYE representative, what advice would Tina give to others wishing to travel to the Netherlands?

"Go with an open mind...be willing to learn," Tina said. "They are wonderful people."

Although Tina's career as a 4-H'er are over, she is now a leader of the Dauphin County 4-H Clown Club. During her 4-H years she was a member of the Dauphin Co. 4-H Sheep Club.



What would a trip to the Netherlands be without bringing home wooden shoes? These are Tina's reminders of her trip.

WHAT'S IT LIKE TO BE AN IFYE?

What's it like to be an IFYE
 And live far away from home,
 If only it were possible
 To say it all in one short poem.

I left my home and family
 To experience a new life
 Living in the Netherlands
 With Dutchmen & their wives.

I came to see the tulips
 And wooden shoes they wore,
 I came to see the windmills
 But what I found is so much more.

By living with the families
 I get a first hand look
 At things not seen as tourist
 Or read about in books.

My friends at home would laugh
 If they could see me now
 Learning to drive a tractor
 And helping to milk the cows.

There are many different areas
 And each one is unique
 You can tell where someone comes from
 By the dialect that he speaks.

I find it still quite difficult
 To speak the language here
 But I can understand it
 When they speak very slow & clear.

I went through many changes
 But now I feel at ease
 I've even gotten used to
 Eating potatoes, bread & cheese.

It sometimes can be difficult
 But mostly a lot of fun,
 Each moment a new experience
 Each day a brand new sun.

I like to share America
 With the people that I meet
 So I decorate a cake for them
 That's chocolate and sweet.

It's almost time to leave here
 And say my last good-byes
 But the memories & the friendships
 Will be forever in my mind.

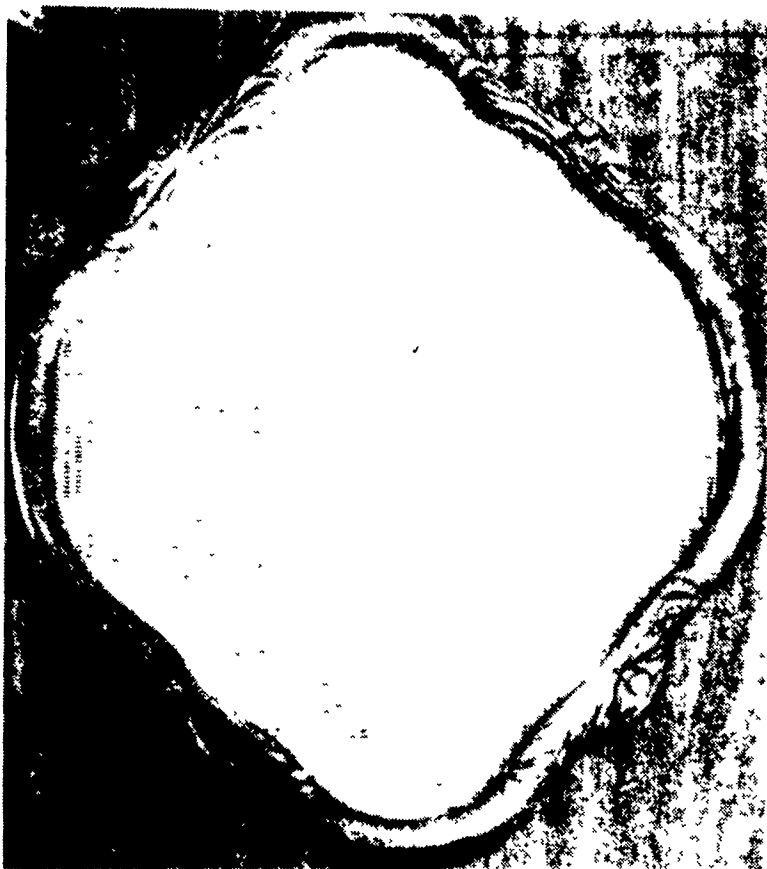
What's it like to be an IFYE
 And live far away from home
 It's an experience of a lifetime
 That's only an IFYE knows.

Your IFYE in the Netherlands,

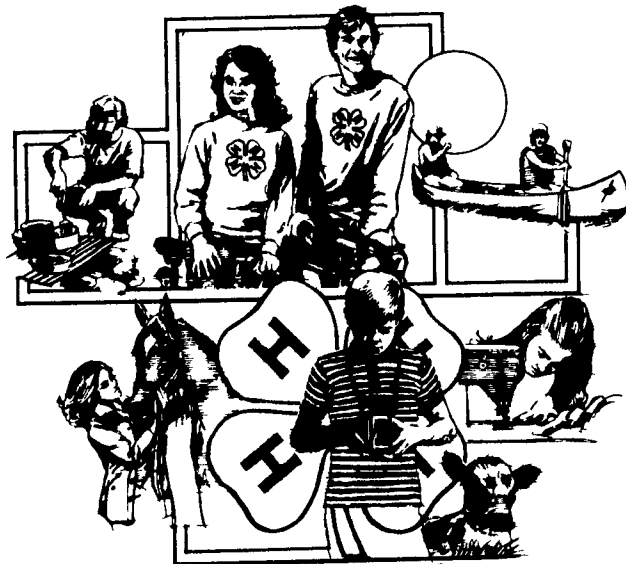
Tina



Tina Taylor just returned from the Netherlands as an IFYE representative. Tina, who is 22, said she knew she wanted to be an IFYE at age 15.



According to Tina, lace decorations like the one above are seen hanging in many windows in the Netherlands.

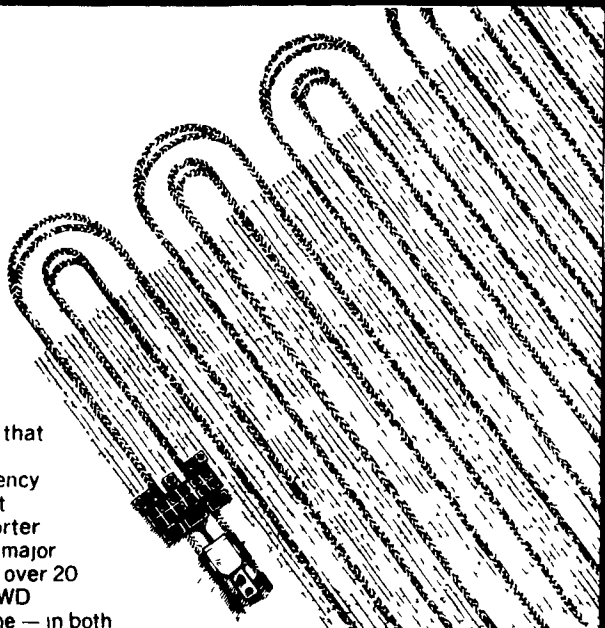




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That's because you get 4WD efficiency with a turning radius of just 13.2 feet. Compare specs, you'll find that's shorter than similar size tractors from other major manufacturers. And White Farm has over 20 years experience with mechanical 4WD. The White Farm PFA works full-time — in both forward and reverse. You also get adjustable tread and excellent crop clearance for late season work in most rows widths.

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* Official PTO hp

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WFE 2-135, 2-155, 2-180.....	13.2 ft.
AC 8010, 8030, 8050.....	13.3 ft.
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WFE 2-88, 2-110.....	16.2 ft.
Case 2090, 2290.....	16.4 ft.
JD 4650, 4850.....	16.4 ft.
Ford TW-5, TW-15, TW-25.....	16.7 ft.
Ford TW-35.....	17.4 ft.

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DEALER
TODAY**

We Wish You Seasons Greetings And A Very Happy New Year



Ladies Have You Heard?

By Doris Thomas
Lancaster Extension
Home Economist

**THE WEEK
BEFORE CHRISTMAS**
"Tis the week before Christmas
And all through the house
Are socks full of holes
As if chewed by a mouse,
And shirts minus buttons
And rips that need sewing.
The things that need doing
Keep growing and growing!
My husband's a martyr
With holes in his heels;
My children existing
On unbalanced meals.
We grab a quick snack
When and where we are able -

I'm doing the cards
On the dining room table.
The neighbors are thinking,
Without any disrespect,
That mine is a family
Of want and neglect;
But then, all at once,
The last card has been sent,
The gifts are all wrapped,
And the money all spent,
The lights in the windows,
The love and the cheer -
You know it's the most
Precious time of the year.
We sit by the fire
And gaze at the coals.

Who cares if the stockings there
Have a few holes!
It's Christmas Eve now,
Everything is all right -
Merry Christmas to all,
And to all, a good night."

Holiday Foods

Holidays may be the best time of
the year for enjoying friends and
family, but they are the worst time
for getting sick. Here are a few
suggestions for avoiding a nasty
bout of good poisoning.

Keep hot foods hot (above 140
degrees F.) and cold foods cold
(below 40 degrees F.) until ser-
ving.

Do not let anything containing
meat, poultry, or eggs sit on the
buffet table for hours on end. Put
out only what you think will be
consumed in an hour or so, leaving
the rest refrigerated. Never let any
of these foods stand at room
temperature for more than two
hours.

If you plan to serve rare roast
beef, cook it to an internal tem-
perature of at least 145 degrees F.
Before serving the pan drippings,
heat them to boiling. If gravy or
drippings are kept for a second

meal, boil them a few minutes
before serving.

Be careful with eggnog. Either
keep it on ice, or make sure that
only what will be consumed within
two hours is left at room tem-
perature.

In any food preparation, but
especially with foods containing
meat, poultry, or eggs, keep your
hands and the utensils you use
scrupulously clean. Be sure to
wash utensils well between uses,
especially if you have used them
with raw meat or poultry. The
same goes for your counter sur-
faces.

Never stuff poultry ahead of
time or with warm stuffing. For
the ultimate in safety, bake your
stuffing separately from the bird.
Stuffing and turkey should also be
refrigerated separately after
cooking.

Here is a guide to help you know
how much meat to buy for holiday
meals:

Servings per pound:

Turkey: 2 1/4 servings per pound
Chicken: 2 servings per pound
Goose: 1-3/4 servings per pound
Duck: 1 serving per pound
Rib Roast: slightly less than 2
servings per pound.

Pa. gets forest funds

WASHINGTON, D.C. Department of recreation and other
— Forty states and Agriculture is required land uses on the 191
Puerto Rico will receive to return 25 percent of million acres of national
more than \$193 million national forest system forest system land,
as their shares of revenues to the states Crowell said.

USDA made an in-
terim payment of \$127
million to the states Oct.
1 based on estimated
national forest revenues
for the year. A final
payment — based on
actual receipts — of \$66
million was made Dec.
1. Actual fiscal 1983
receipts from the sale
and use of national
forest resources totaled
\$771 million, Crowell
said.

The payments do not
include 25 percent of the
1983 national grassland
revenues. Those
payments are based on
calendar 1983 receipts
and will be made in
March 1984, he said.

The three states to
receive the largest
payments are, in order,
Oregon, \$69 million;
California, \$43 million;
and Washington, \$21
million.

Pennsylvania's pay-
ments under the
program total \$1,394,098
for 1983.

Commonwealth of Pennsylvania



DEPARTMENT OF AGRICULTURE

PENROSE HALLOWELL
THE SECRETARY

December 1, 1983

Dear Friend:

I cordially invite you to attend the 1984 Pennsylvania
Farm Show Youth Benefit Concert on January 8, 1984 at the
Farm Show arena. The concert is sponsored by the Pennsylvania
State Farm Show Commission and begins at 6:30 p.m.

This year's concert includes entertainment for all ages
featuring Miss Pennsylvania, Jennifer Lynn Eshelman; Al Raymond's
"Big Band," a salute to the big band era and music of today,
and special guests the Ink Spots.

Tickets are \$4.50 (\$3.50 for advance) for general admission
and \$6.00 for reserved seats. Use the form below to order your
tickets or purchase them at the door the evening of the concert.
All mail orders must be received by December 27, 1983. Any
orders received after that date will be held in your name at
the ticket office the day of the concert. Any orders postmarked
after December 27th may run the risk of not receiving tickets.

I hope you and your family will join us January 8th for a
night of great entertainment. All proceeds of this concert will
benefit the Pennsylvania farm youth organizations.

Sincerely,

Penney

Penrose Hallowell

- - - - - TICKET ORDER FORM - - - - -

NAME: _____ GENERAL ADMISSION TICKETS (\$3.50) _____

ADDRESS: _____ RESERVED TICKETS (\$6.00) _____

_____ TOTAL AMOUNT ENCLOSED: _____

*****PLEASE MAKE CHECKS PAYABLE TO: PENNSYLVANIA DEPARTMENT OF AGRICULTURE,
AND INCLUDE SELF-ADDRESSED, STAMPED ENVELOPE WITH YOUR ORDER. *****

MAIL ORDERS TO:

Farm Youth Benefit
P.O. Box 15724
Harrisburg, PA 17105-5724

Any questions, contact Bill Smedley at 717-783-9945

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and throughout
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Lancaster Farming News Team*

See you in the New Year



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**For Every \$1,000.00 You Spend
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New

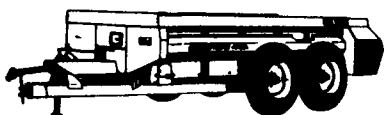
Kilbros. Gravity Bin #350

206 Bu.

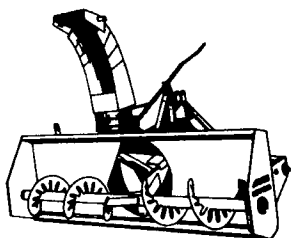
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- 844 4R Head New
- 544 4R Head

- Used Equipment Just Traded
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- NH #985 Combine w/Cab and 13' Grain Platform, Nice Condition
- IH #51 16' 3 Btr. Unloading Wagon w/Roof



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Tuesday, Wednesday & Thursday**



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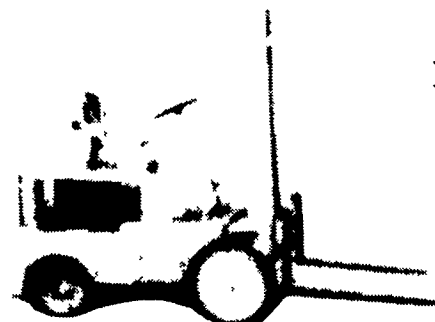
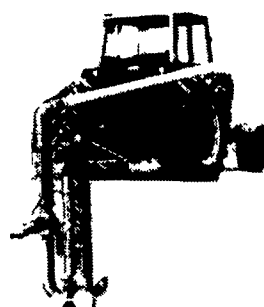
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1	203733	205-201
6	203734	207-210
2	207054	213
1	203640	212



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213	\$369.88	\$275.00
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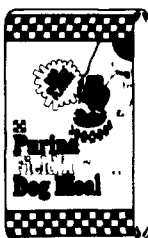
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676 NH Tandem Axle Spreader w/gate	\$3254.00	\$5.00	'1984.00
FB 88 Gehl Blower	\$850.00	\$2.00	'636.00
66 JD Blower	\$1390.00	\$3.00	'1069.00
FB 99 Gehl Blower	\$1395.00	\$3.00	'1074.00
10' Bush Hog 10 Tooth Chisel	\$1495.00	\$3.00	'1174.00
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10' KBA JD Transport Disc	\$1050.00	\$2.00	'836.00
Grove Corn Drag	\$350.00	\$1.00	'243.00
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717 NH Harvester w/1RN	\$1950.00	\$4.00	'1522.00
Sears 10HP Mower	\$750.00	\$3.00	'429.00
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214-217 NI Single Beater Spreader	\$1595.00	\$4.00	'1167.00
213-215 NI Triple Beater Spreader	\$2550.00	\$5.00	'2015.00
218 NI Spreader w/Hyd Gate	\$3150.00	\$5.00	'2615.00
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Why Not Build a Solar Greenhouse?

NEWARK, Del. — If you really miss your garden over the winter, you may be an ideal candidate for a solar greenhouse. Extension agricultural engineers and horticulturists have prepared a new 60-page handbook that explains how home gardeners can build and operate their own year-round gardening structures.

Solar Greenhouses for the Home, a publication of the Northeast Regional Agricultural Engineering Service, is available for \$3 from University of Delaware Extension Agricultural Engineer Jim Scarborough, 056 Townsend Hall, Newark, DE 19717-1303.

Solar greenhouses differ from conventional greenhouses in that they collect and store the sun's energy during the day so they need less supplementary heat at night. They feature double-glazed windows, insulation in areas not receiving direct sunlight, a large mass of rock or water to store the sun's heat during the day, plus movable blankets or shutters to reduce heat loss.

The handbook will help you decide on the style and size of your greenhouse, and includes a review of building materials so you can choose those that are both functional and attractive.

Information about pop-in shutters, track supported blankets and external insulation is included. Interior materials such as flooring and plant benches are also discussed.

A successful solar greenhouse requires energy conservation measures. Reducing heat loss during the day maximizes the heat that can be drawn from the storage

area at night. In a well insulated greenhouse, the heat collected during a sunny March day will last for two or three cloudy days.

During the winter, supplemental heat is usually required for plant growth, so the handbook explores a range of heating systems. In many cases, inexpensive space heaters or infrared heat lamps are sufficient to keep the temperature above 45 degrees F for cool season crops. A thermostatically operated exhaust fan normally removes excess summer heat.

In Delaware, a solar greenhouse is best used as a season extender. Garden vegetables and annual flowers can be started earlier in the spring, so they'll mature sooner after being transplanted outside. The short winter days, low sun angle and cloudy weather make midwinter vegetable crops marginal. However, many leafy vegetables such as spinach, Swiss chard and leaf lettuce generally do well. As the days become longer and light levels increase, tomatoes, squash, and cucumbers will thrive. The handbook lists plant varieties that do best and notes their space requirements.

Detailed plans for simple wood frame solar greenhouses are often difficult to find. Solar Greenhouses for the Home includes plans for several greenhouses, hot beds, cold frames and an indoor plant light unit. Most of the plans contain lists of materials and construction procedures.

A solar greenhouse may be a worthwhile addition to your home. It can add living space and provide many hours of enjoyment for the amateur gardener.

Crop report card issued

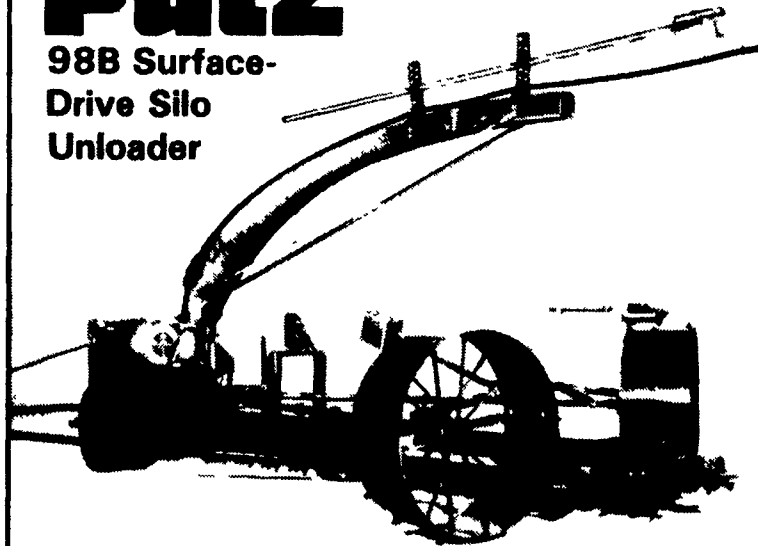
NEW YORK — Continental Grain Company has issued a four-page crop report card containing the dates that major grain and oilseed reports will be released by the U.S. Department of

Agriculture during 1984.

Copies of the crop report card are available without charge from the Public Affairs Department, Continental Grain Company, 277 Park Avenue, New York, NY 10172.

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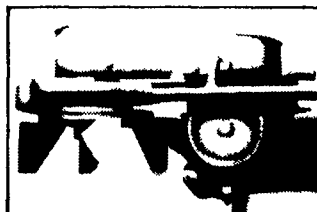
Patz Silo Unloaders give you two big, lugged drive wheels for sure traction and flotation. Silage is removed evenly with the Patz self-leveling device. Preset depth-of-cut control for automatic feeding and easy lifting, high into the top of the silo for refilling are additional features of this durable performer. Call us for design-matched systems. Installation and service of quality PATZ equipment.

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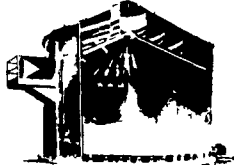


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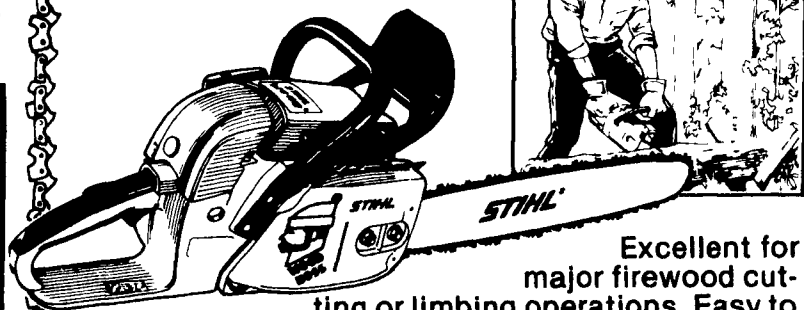


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Lancaster Society 2

Lancaster Society 2 met at the home of Mae Hosler recently to make bed pads for a local nursing home. A covered dish luncheon was also held.

Ada Almodovar, vice president, and Vivian Herneisen will be delegates to the State Convention in January. Mae Hosler and Edna Loose are alternates.

Lancaster Society 6

Lancaster Society 6 met for a Christmas dinner recently at the Elizabethtown Church of the Brethren. Members read verses and thoughts from Christmas cards.

The program, entitled "From Bethlehem to Calvary," was presented by Frances Blose. Christmas remembrances were given to shut-in members.

Lancaster Society 10

Fifteen members of Lancaster Society 10 attended the Christmas party recently at Joye Myers' Restaurant. Retiring President Suie Dietrich presented the members with a poinsettia and fruit. She received a Farm Women pin with her birthstone.

Nancy Starr and Kathy Scott will serve as delegates to the State Convention in Harrisburg in January.

The Society will donate \$150 to Christ Home. The January meeting will be at the home of Mrs. John McGrann, New Holland Pike.

Lebanon Society 5

Lebanon Society 5 met for a Christmas party recently at the Ono Firehall. They exchanged gifts and revealed secret pals.

Forty-five people were in attendance.

Six members will attend the State Convention.

Society 20

Lancaster Society 20 met recently at the home of Estella Shirk. Gifts were exchanged and new secret pals were picked.

It was decided that the Society will have a refreshment stand at the Jacob Bross sale on Feb. 25. The next meeting will be at the home of Susan Miller.

Society 21

Lancaster Society 21 enjoyed themselves at Shady Maple for their annual Christmas party.

The Kreider Quartet entertained the group and there was also group singing.

The meeting closed by revealing secret sisters and giving homemade gifts. The next meeting will be at the home of Anne Steinburg.



Mother and Child... such a heavenly sight to behold! Let that first holy night fill our hearts with love and adoration this season.

It is with a deep sense of thankfulness at this most blessed time of our Christian year that all of our friends that work for Beacon Feeds along with all of our Beacon dealers would like to extend to your and your families best wishes for a

"Merry Christmas" and a
"Happy New Year"

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Six firms nominated for agribusiness award

HARRISBURG — Six Pennsylvania firms have been nominated for the Fourth Annual Pennsylvania Agribusiness Award, according to State Agriculture Secretary Penrose Hallowell. The firms are Gibbles of Chambersburg, Janidl's Turkey Farm of Orefield, Pennsylvania Cooperative Potato Growers, Inc. of Harrisburg, Phillips Lancaster Swiss Cheese of Gordonville, Riverside Markets of DuBois, and Spring Glen Farm of Ephrata. All six firms have shown outstanding efforts in promotion of Pennsylvania agriculture, according to Hallowell.

The winner of the annual award, given to an agribusiness exhibiting excellence in support of Pennsylvania, will be announced on Monday, January 9, 1984 at 6:30 p.m. during the 68th Annual Pennsylvania Farm Show.

"The Agribusiness Award gives recognition to a very important segment of the state's agricultural industry," Hallowell said. "It is fitting to recognize these firms during Farm Show for their overall contribution to agriculture. Agribusiness is as essential to the state's economy as the farmer, with more than 16,000 food retailers and processors employing 200,000 workers and generating \$20 billion in sales each year."

The award is based on five criteria, including production of a high quality product adhering to state and federal inspection requirements, and participation in either the "Pennsylvania Agriculture — We're Growing Better" or the "Keystone Pride" Logo program. The Logo must be incorporated directly on the firm's label, package, shipping carton, or be used extensively in advertising.

Processing firms must use a percentage of raw Pennsylvania products in the final food product, and judges consider additional utilization of Pennsylvania products. Additional consideration is given for the amount of time the agribusiness has used the program its overall effort to promote Pennsylvania products, the marketing area and the number of consumers reached by the firm.

The judges for this year's Agribusiness Award are John Kimbark, managing editor of the Pennsylvania Farmer magazine; Sheila Miller, research analyst, Pennsylvania State Senate Agriculture and Rural Affairs

Committee; and Rocco Pugliese, executive director of the Pennsylvania Food Processors Association.

Gibbles is a processor of potato chips and snack foods, located in Chambersburg, Franklin County.

Janidl's Turkey Farm in Orefield, Lehigh County, is a poultry breeding, growing and processing operation. The Pennsylvania Cooperative Potato Growers, headquartered in Harrisburg, is a marketing cooperative for

tablestock and chipping stock potatoes.

Phillips Lancaster Swiss Cheese Company in Gordonville, Lancaster County, manufactures and distributes a variety of cheeses. Riverside Markets headquartered

in DuBois, Clearfield County, is a distribution center with 71 retail food stores. Spring Glenn Farm Kitchen in Ephrata, Lancaster County, processes jam, jellies, relishes, honey and Pennsylvania Dutch specialties.

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Hunterdon Hoppers

Hunterdon Hoppers 4-H Club members held a Christmas party at the Tallamy home in Ringoes. Members brought gifts to exchange and refreshments. The group set up a Christmas tree at the Hobart Masonic Temple's annual Christmas tree display. A Bake Sale was held in early December at Laneco. Practices for the 1984 Rabbit Bowl team competition will take place on Mondays in January. The meetings will be held at the home of their leader, Bonnie Seeley, on Church Street in High Bridge at 7:30 p.m. Members will be selected to represent the county at the State 4-H Rabbit Bowl Contest, scheduled for early spring.

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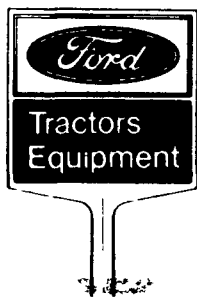
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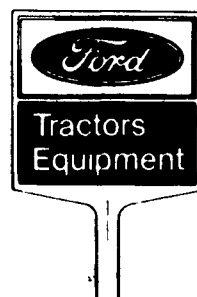
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Winterize Your Garden

What do winter wraps, anti-desiccants and other protective devices do for plants? Plenty!

These devices protect plants from severe cold, loss of moisture, and the breaking weight of ice and snow. This year, winter protection may be even more important than usual because many plants have been weakened by last summer's drought.

In very cold weather, and when we have frequent temperature changes above and below freezing, ice may form in the cells of twigs, stems and roots. If so, the frozen parts or the entire plant may be killed.

More often, plants are damaged because of moisture loss from

strong drying winds and brilliant winter sunshine. Once the ground is frozen, plants are often unable to take in as much moisture from the soil as they need, yet they continue to transpire moisture from twigs and branches and, in the case of evergreens, from needles or leaves.

Stress from moisture loss may result in sunscald, or scorching "die-back" (when just this year's growth dies back) and bud failure, (when buds set for next season's growth die). Moisture stress can even mean the death of your plant. Here are some things you can do to give your plants a helping hand.

— Water. As often as you've heard that before, it can't be said

enough. Deep soak trees and shrubs regularly until the ground is really frozen hard and then do it again whenever we have a thaw.

— Tree wraps. Prevent trunk scalding from rapid temperature change or the sun, damage from rubbing guide wires and hungry animals by wrapping trunks with burlap or commercial tree wrap tape. Newly planted trees, single ornamentals without adequate wind protection, and some thin barked trees can be protected with wraps.

— Anti-desiccants. These form a protective film over the leaf surface to reduce moisture loss. To be effective, you must apply when temperatures are above 40 F. and remain above freezing for several hours. Several applications each winter are recommended, especially on young needled and broadleaved evergreens. Apply once in late November to start, late January, and during warm periods in March. You can find anti-desiccants in most garden centers and in some hardware stores.

— Windbreaks. Protect plants in exposed locations with a wind shield of burlap screens, snow fences, or even old screens. Support young trees with guide wires that allow some natural movement but give support in high winds.

— Snow frames. The weight of ice and snow can be extremely damaging to all kinds of plants but especially to evergreens. Protect by building frames of wood lath or 1/2-inch pipe and stretching a cover

of wire mesh or attaching 1-inch spaced laths. A-frame constructions work well, as do burlapped frames if sufficiently supported. When it snows and plants are holding a heavy layer, shake them gently to lighten their load. Do not beat the branches because the cold makes them brittle and they can snap easily.

— Mulches. Winter mulches should not be applied until after the ground freezes hard. If you put them down now, you'll just be mak-

ing ideal homes for small animals. Apply a mulch of loose straw, broken cornstalks, or leaves to a depth of about four inches and anchor down with chicken wire or pine boughs. Leave an open space around the base of the trunk to avoid rot. The point of a mulch layer is to keep the ground temperature even and keep surface roots from heaving away from their protective blanket of soil. Exposed roots die quickly.



Carol Webber of Ashcombe's Craft Shop was the main attraction at the Adams Co. Homemakers Holiday Tea.

Adams Co. Homemakers Sponsor Tea

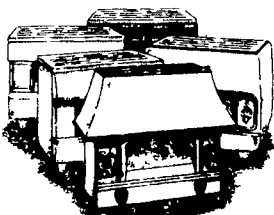
GETTYSBURG — Carol Webber of Ashcombe's Craft Shop was the main attraction at the Adams County Homemakers Holiday Tea. This event was sponsored by the 31 homemaker's groups in the county. It is an annual event with this year's attendance at 210. Her presentation was introduced by

Cindy Smith, Gettysburg, who was the Mistress of Ceremonies.

A dairy punch was supplied by the Dairy Council with the Dairy Princess, Faye Messinger, pouring. Light refreshments were provided by the Homemakers Groups in attendance.

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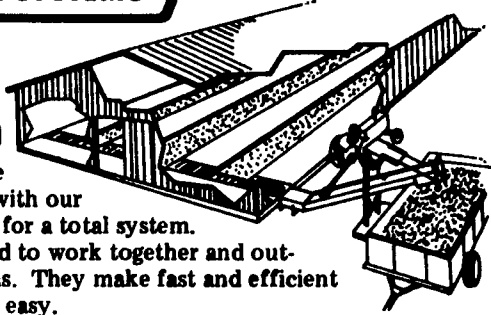
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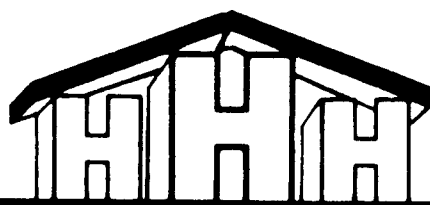
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Swine and Lamb Awards Banquet Held

YORK — The York County Swine and Lamb Clubs held their annual banquet recently at the 4-H Center to honor outstanding 4-H'ers.

Each 4-H member who completed a project and filled out their project book received an award. New officers were inducted in both clubs. New officers for the Swine Club are: Brian Bankert, president; Gary Burgard, vice president; Melissa Trostle, secretary; Tim Ferrence, treasurer; Greg Bankert and Chris Miller, reporters.

New officers for the Lamb Club

are: Tim Flory, president; Beth Myers, vice president; Melissa Trostle, secretary; Chris Shaffer, treasurer; Alicia Strausbaugh, reporter; and Jennifer Hoke, historian.

The buyers and supporters of the 4-H clubs were also given special awards for their contribution to the clubs. Ezra Good, buyer for Hatfield Packing Co., received an award for supporting the Swine Club for many years.

Featured speaker for the evening was Helen Findley, a handwriting expert. She en-

tertained the crowd of 214 with her knowledge of the different characteristics indicated by handwriting.

Pork Dinner Scheduled

LEOLA — The Leola Fire Company will hold their 17th annual family style pork and homemade sauerkraut dinner on New Years Day from noon to 6 p.m. at the Leola War Memorial Building. Takeouts are also available.

Cherryville

Homemakers

Cherryville Homemakers 4-H Club members celebrated the Holiday Season in different ways this month. They donated toys for the Hunterdon State School Christmas project. A successful bake sale was held at the Flemington Mall, and a Christmas party was held recently at the Extension Center. They exchanged gifts and brought pizza and holiday goodies for refreshments. Their first meeting for 1984 will be held on Jan. 4 at the Extension Center, 7:00 p.m.



Ezra Good, buyer for Hatfield Packing Co., received a special award during the York Co. Lamb and Swine Club banquet. Presenting the award is Ron Trostle.



New officers for the York Co. Swine Club are from left: Brian Bankert, president; Gary Burgard, vice president; Melissa Trostle, secretary; Tim Ferrence, treasurer; Greg Bankert and Chris Miller, reporters.

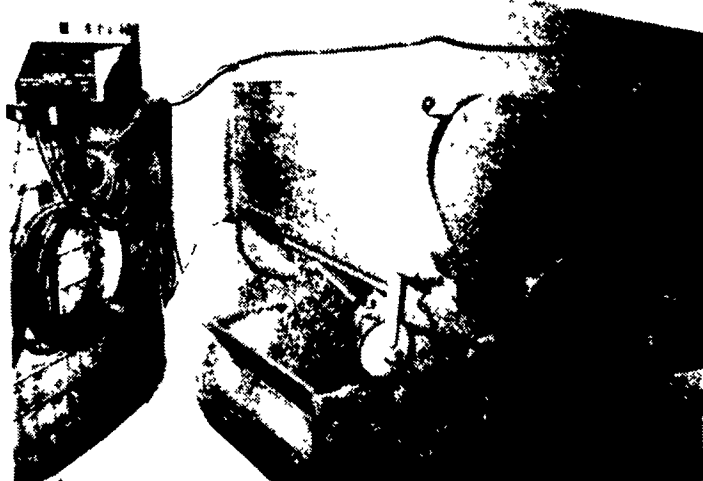
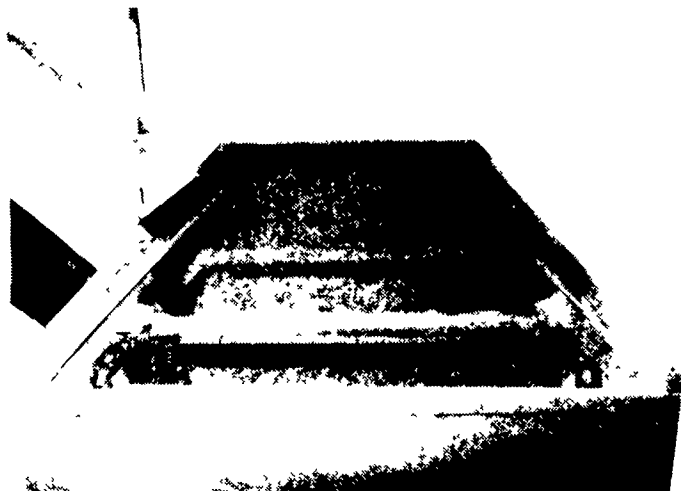


New officers for the York Co. Lamb Club are from left: Tim Flory, president; Beth Myers, vice president; Melissa Trostle, secretary; Chris Shaffer, treasurer; Alicia Strausbaugh, reporter; Amy Dutrey, assistant historian.

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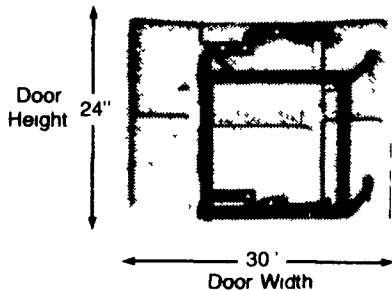
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Free food totals increase

WASHINGTON, D.C. — In 1983 over 780 million pounds of free food — mostly cheese and butter — worth more than a billion dollars were provided to the needy, according to Assistant Secretary of Agriculture Mary C. Jarratt.

"We gave away nearly four times more food this year than we did last year," Jarratt said. "This feat is a tribute to the commitment of thousands of people who are working to get surplus foods into the hands of the needy."

In December 1981, President Reagan announced the distribution of surplus cheese to needy families. USDA distributed 203 million pounds of cheese and butter worth \$300 million to needy households in 1982, Jarratt said.

IN 1983, USDA distributed more food as well as more types of food. Between January and December 1983, USDA estimates a total commodities distributed to households as follows:

Processed cheese — 392 million pounds.

Cheddar cheese — 92 million pounds.

Butter — 174 million pounds.

Nonfat dry milk — 45 million pounds.

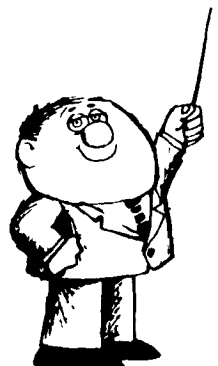
Rice — 14 million pounds.

Cornmeal — 25 million pounds.

Honey — 25 million pounds.

Flour — 15 million pounds.

Federal spending on food aid for the needy has grown from \$14 billion in 1980 to more than \$19 billion in 1983, Jarratt said. She said the mainstay of federal food programs is food stamps which cost \$12 billion this past year and served 22 million people.



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The Milk Check

TOM JURCHAK
County Agent



Forms Available

Forms are now available at county ASCS offices to calculate your base and submit a milk reduction plan under the Milk Diversion Program of the new Dairy and Tobacco Adjustment Act of 1983. You have a choice of using the months of calendar 1982 or the average by months of calendar 1981 and 1982 whichever is higher. You will need the same kind of verification of milk marketings that was required under the former Dairy Refund Program. That includes all your marketing receipts or check stubs for each month used to determine your base or a certified computer print out by months that would be verified by marketing receipts or check stubs for March and September (of 1981 and 1982 if you use the average). Calendar year summaries can be used in place of the March and September receipts for verification of the computer printout. If the printout is used it must be certified as accurate and complete by the handler. New information needed for the Milk Diversion Program to establish your base is the average butterfat of the milk marketed for each month used to determine your base. This is needed because the

new law specifies that "if there is a marked deviation in the composition of milk marketed" adjustments can be made in the diversion payments.

The forms for your Milk Reduction Plan are also available but you can submit these only after your base has been established. The plan is required before you can make a contract for marketing reductions. The form is rather simple and in addition to showing how much milk your marketed by months in 1983 and the average number of cows milked during the first, second, third and fourth quarter of calendar 1983. Then you have to list all the cattle, six month of age or older that you sold leased or transferred since November 8, 1983, to whom and for what reason, along with the date. Most importantly, you must state how much you will reduce your marketings, by percent and in total, for the 15 months starting January 1 and ending March 31, 1985. Then you check one of the four blocks on how you plan to make that reduction. A. ☐ Reduce dairy herd by slaughter, sale, etc. B. ☐ Change feed ration C. ☐ Reduce number of milkings per day. D. ☐ Other (list in space provided). You can include any or

all of the four choices. You also have to list the number of cattle you expect to sell each month during the contract period and indicate if they would be "sales due to normal culling" or "extra sales due to this program." This information is needed by the Secretary of Agriculture to determine whether or not there will be so many cattle sold as a result of this program that it will cause "substantial hardship to producers of beef cattle, hogs or poultry sold for slaughter." You don't have to include your reduced marketings by calendar quarters but you can collect the diversion payment each quarter if you make application to ASCS and you are within your contracted reduction.

Other News

You will be able to submit your Request for a Milk Base as soon as you wish and the sooner the better if you think you will participate in the program. You can also work on your Milk Reduction Plan after you have an approved base but no contracts will be written until the "middle of January" and the deadline is still January 31. That's only two weeks so you can't wait until January to get started or you may not make the deadline.

The sale of cattle since November 8 is still restricted to slaughter or to another producer "who will enter into a contract under the milk diversion program." The USDA can grant exceptions but I have no information on how this will be used. It has been decided, however, that you must have been marketing milk on November 28, 1983 and you must have started before December 31, 1982.

Regulations for the program are now being written by USDA but aren't expected to be completed until late December. About the first week of January national training sessions will be held for state ASCS leaders and county

ASCS directors will get them after that which puts us close to the "middle of January." I'm saying this to impress on you the need for using the information available now to determine whether or not you want to participate and to what extent. This includes making a plan of how you expect to make the reduction that you contract for.

A Contract's a Contract

Remember also that once you make the contract you will be expected to live up to it. "Expected" may not be strong enough because it is a contract that you can't ignore once you make it or you will be penalized just as the handlers will be penalized if they don't perform their requirements of collecting and paying the money to finance the diversion payments and the advertising and promotion program. So don't take the contract lightly and promise more than you can profitably reduce your marketings. You won't be required to make the contracted reductions each month or quarter but only that you come out plus or minus three per cent of your contract by the end of March 1985.

Your three percent leeway is not allowed below the minimum of five percent or above the maximum of 30 percent.

Three percent doesn't sound like much but it would be 15,000 pounds for a herd selling 500,000 pounds a year. It could be the difference in culling only one or two cows, more or less, to make your contract and since you have 15 months to do it there should not be too much of a problem hitting the mark if you plan well in advance.

Finally

You have only until December 31 to collect for September milk under the old Dairy Refund Program if you reduced marketings 8.4 percent below your base. You can also collect for October and November under the same program but the deadline is December 1984. Also, Cornell University is producing a program for educational television stations in New York for viewing at 1:00 p.m. on December 23, on the new Milk Diversion Program. This includes station WSKG-TV in Binghamton.

Seed firm settles case

BALTIMORE, Md. — Meyer Seed Co., of Baltimore, Md., has paid \$2,175 to the U.S. Department of Agriculture to settle a case involving shipments of seed alleged to be in violation of the Federal Seed Act.

The case was settled in an agreement between the company and officials of the USDA's Agricultural Marketing Service. The company neither admitted nor denied the charges.

James E. Springfield, an AMS official in Washington, D.C., said the case involved shipments of lawn seed mixture and cucumber seeds to Virginia, West Virginia,

Pennsylvania, Delaware and Ohio.

The alleged violations were false labeling of purity and variety name and failure to show the kind name and percentage of germination and to keep required records.

The Federal Seed Act is a truth-in-labeling law designed to protect farmers and consumers who buy seed.

AMS administers the program with the help of state seed officials. Seed regulatory officials in Virginia and West Virginia cooperated with the Agricultural Marketing Service in making the investigation.



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LANCASTER — Fireplaces and wood stoves bring a warm cheer to our homes these cold wintry days. But, on a somber note, they can also bring tragedy, if not used correctly.

We've often discussed the danger of creosote build-up and the chimney fire that it may cause. To be sure, creosote prevention has to be top of the safety precaution list when we burn wood, especially in a wood stove.

As you burn wood this season, we urge you to be on the alert for creosote, as well as, a number of other situations.

A first step in safely operating a fireplace or wood stove is to be sure the chimney is clean. You can use a heavy duty light to determine if the chimney is clear all the way to the top.

You may prefer to hire a professional chimney sweep. You eliminate the chance of falling while in the process of checking and cleaning the flue.

An important consideration is a good draft. That goes for a fireplace and wood stove. The chimney extension must be two

feet higher than the roof line at the point it is attached and three feet higher than any obstruction within a 10-foot radius.

Having a safe clearance is also important if you have a fireplace or wood burning stove. The stove instructions will include standards for types of clearances and materials.

Sporadic Use A Problem

Many fires begin because fireplaces are used sporadically and are not checked regularly to be sure they are in good working order. Birds' nests, loose bricks or mortar, or cracked flue pipes can result in structural fires.

The wood should be hardwoods and be well-seasoned. When you burn moist wood, energy is needed first to dry the wood, so you will not get the full benefit of the fire. Creosote can build up when burning "green" wood.

Not only are chimney and structural fires problems, but also fumes that can back up into the room, instead of moving up the chimney.

Occasionally, someone will vent

a wood stove into the same flue as a fossil fuel burning stove. The gases from the fossil fuel may not be able to escape up the chimney, and may move into the living area.

The same thing can occur when two wood stoves are vented through the same area, or a wood stove is set into a fireplace opening. The large flue liner of the fireplace may cool the gases, reversing their direction and returning them to the living area.

Gases can also return to the living area if you leave a residual fire, close the damper, and go to bed. Carbon monoxide may still be produced even if the fire "appears" to be out.

Be sure the ashes are cooled before you retire for the night.

Coal should not be burned in a wood stove without grates. The underair conditions are needed to minimize the production of carbon monoxide.

Several excellent publications are available to aid the wood or coal burning family in operating

their stoves safely. They are: "Burning Wood;" "Creosote in Your Chimney;" "Wood & Coal Furnaces;" "Portable Kerosene Heaters;" to name a few.

All are published by the Northeast Regional Agricultural Engineering Service. They are available at a nominal price at the Cooperative Extension office.

USDA seeks proposals for dairy promotion program

WASHINGTON, D.C. — The U.S. Department of Agriculture will accept proposals until Jan. 6 for a national dairy products promotion, research and nutrition education program.

Edward T. Coughlin, dairy official with USDA's Agricultural Marketing Service, said the program would be funded by a mandatory 15-cent per hundredweight assessment on all milk marketed by dairy farmers in the contiguous 48 states. It is authorized in the recently enacted Dairy and Tobacco Adjustment Act of 1983.

USDA is also asking for opinions on whether it would be advisable to hold a public meeting to provide an opportunity to discuss the proposals, Coughlin said. The meeting would be held during a public comment period.

Four copies of any proposal submitted should be sent to the Deputy Administrator for Marketing, AMS, USDA, Washington, D.C. 20250. The invitation to submit proposals will be published in the Dec. 9 Federal Register. Further information can be obtained from Clayton Plumb, AMS, USDA, Washington, D.C. Phone: (202) 447-6274.

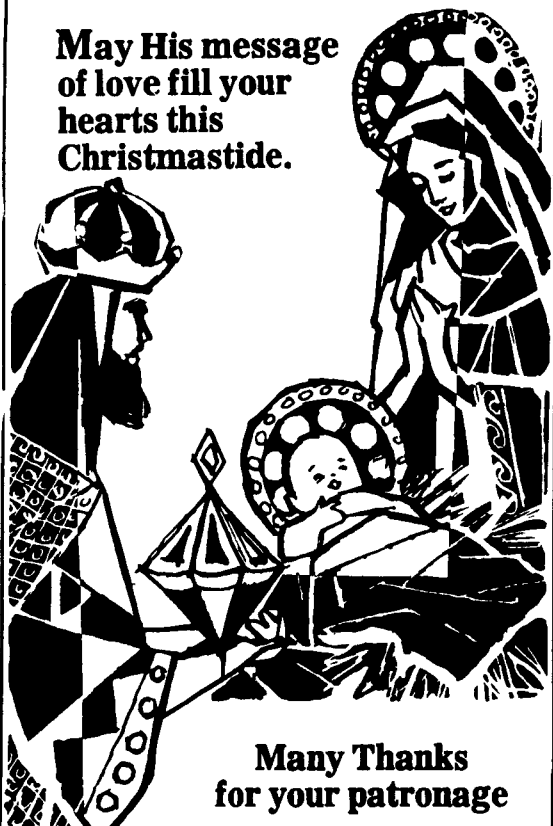
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- 4 It has a detachable handle, easily removed by pulling a snap pin. This prevents the adjusting screw from getting caught or bent.



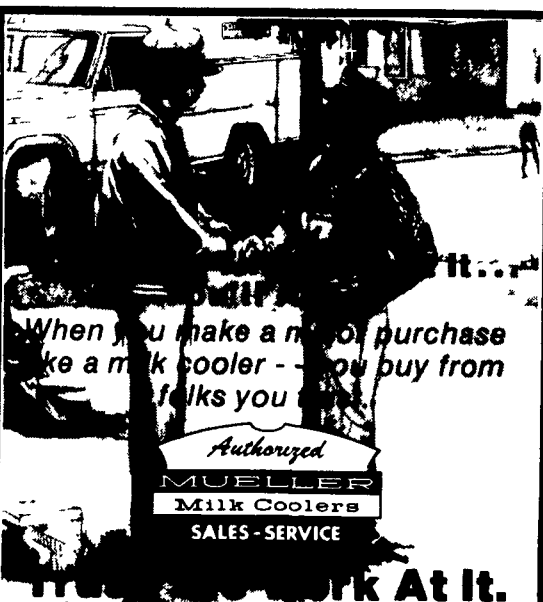
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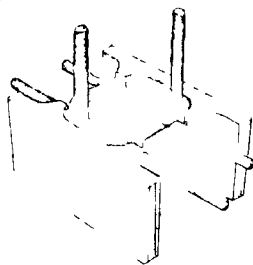
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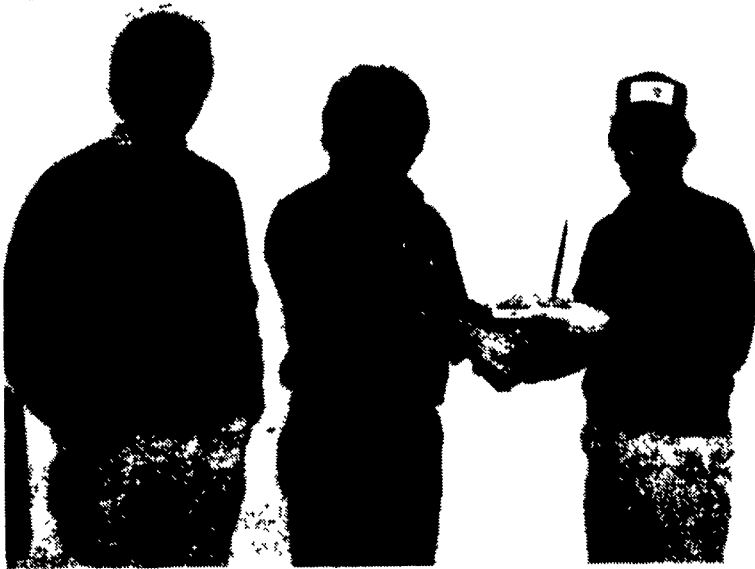
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Farm segment of population down to 2.4%



Bret De Franco, center, Delaware Valley College Block and Bridle Club program chairman, expresses his appreciation to Doug, right, and Mike Clemens, of Hatfield Packing, for presenting program on the company's operations.

Hatfield gives DVC program

DOYLESTOWN — The Delaware Valley College Block and Bridle Club hosted a program recently presented by the Hatfield Packing Company.

The program was held in the new Student Center with more than fifty people in attendance. Representing Hatfield for the evening were Doug and Mike Clemens.

The presentation started with a brief overview of the Hatfield Enterprise. Guests were then treated to two video-tapes. The first tape was of the kill floor at Hatfield. This tape showed the step

by step procedures a hog goes through from the time they leave the truck until they reach the cooler in halved carcasses.

The second tape showed Hatfield's Breeding Farm in New York, "Smilin' Porker Farms". This tape showed some of the new advancements in hog operations and management being practiced by Hatfield.

After the viewing of the videotapes the floor was opened for questions and comments. Many interesting ideas, concepts and statistics surfaced during this session.

WASHINGTON, D.C. — The nation's farm population in 1982 was more likely to be white, older, married, and have lower unemployment when compared with the nonfarm population.

These are among the survey results reported by the Commerce Department's Census Bureau and U.S. Department of Agriculture.

About one of every 41 people, or 2.4 percent of the total population, was a farm resident in 1982. The farm population registered a loss of 431,000 farm residents from 1980 to 1982.

Here are some other facts from the report:

— The farm population was 96 percent white (compared with 85 percent of the nonfarm population), 3.2 percent Black, and 2.3 percent of Spanish origin.

— The farm population's median age (half older, half younger) was about 35 years compared with 30 years for nonfarm residents and for the entire nation.

— A greater proportion of farm residents were living with their spouses — 70 percent of farm women were doing so compared with 54 percent of nonfarm women and 68 to 60 percent among men.

— In 1982, the farm and nonfarm populations had a similar proportion (6.5 percent) of large families (six or more persons). Traditionally, large families were

more prevalent in the farm population.

— Farm families were more likely to include a married couple (93 to 81 percent), and fewer were maintained by a female householder (4.3 to 15.7 percent).

— Farm residents were less likely to be divorced; 1.4 percent of farm women were currently divorced compared with 7.6 percent of nonfarm women, and among men the figures were 2.3 and 5.6 percent.

— Only 3.6 percent of the farm labor force was jobless in 1982 compared with 9.5 percent of nonfarm residents. However, many farm residents who lost nonfarm jobs were not counted as jobless because they retained farm jobs.

— Only 46 percent of the nation's 3.5 million agricultural workers lived on farms, down from 63 percent in 1970. Also, only 57

percent or 1.6 million working farm residents were employed primarily in agriculture.

— Farm families had less income than nonfarm families and a greater proportion live in poverty — about 20 percent in 1981 compared with 11 percent for nonfarm families. The bureau notes that the estimated number of poor would be reduced substantially if noncash benefits were counted.

As in all surveys, data in the report are subject to sampling variability and errors of response, including underreporting and nonreporting. An explanation appears in the report.

Copies of the report, Farm Population of the United States: 1982, Series P-27, No. 56 are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Dairy achievement banquet held

FLEMINGTON, N.J. — Hunterdon County 4-H Dairy members and their families and friends held their annual Dairy Achievement Banquet at the Extension Center recently. A covered dish supper preceded the awards ceremony, emceed by Janet Rogers of Ringoes, and Ted Hildebrandt of Oldwick.

Reports were given on the events during the past year by some of the club members. Several highlights included: Maryland Dairy Conference, Citizenship Washington Focus, the Dairy Bowl and Dairy Judging competitions.

Bernard Beatty, Asbury, presented the Holstein Achievement Awards on behalf of the Central Jersey Holstein

Association. 1983 Recipients were: Janet Rogers, 1st; Kenny Rogers, 2nd; and Gretchen Kuehn, 3rd. David Hunt, Lambertville, received the Brown Swiss Achievement Award. A number of members received awards from Larry Hunt of the Milk Producers Committee. These members submitted Growing and Production cards to the 4-H office each month for the past year. The Growing Record Book Keeping award recipient was David Hunt. Becky Alpaugh of Bloomsbury received the Production Record Keeping award.

Mt. Airy Dairy 4-H Club members took the Top Dairy Judging club award. Tom Hoffmann received recognition as the top

Senior judging team member. David Hunt was the top Junior team member. David Hunt also earned the Mt. Airy Dairy Club trophy. Janet Rogers was presented the Orion Drake Award, the county's highest dairy club award.

Leaders from the four dairy clubs presented pins to their club members. A skit was performed by members of the Milford Dairy and Lebanon Bethlehem Dairy clubs. A special slide show, depicting the past year's activities, capped off the festivities.

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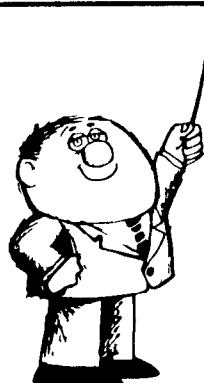


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Oats in reserve released

WASHINGTON, D.C.

Oats in the farmer-owned grain reserve have been released for redemption by Everett Rank, executive vice president of the U.S. Department of Agriculture's Commodity Credit Corporation.

Rank said this means farmers now may sell — but are not required to sell — their reserve oats after repaying their CCC price support loan.

The reason for the action, he said, was that the national average price received by farmers for oats had reached \$1.65 per bushel, the same as the commodity's \$1.65 per bushel reserve release level.

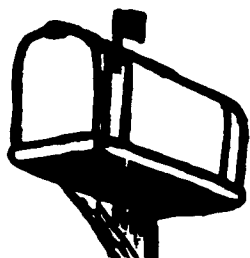
USDA makes storage payments to farmers with grain in the reserve. Upon repayment of the loan, farmers can keep the storage payments earned through the date of repayment.

Release of reserve oats will continue through Jan. 31, Rank said. If the five-day national average market price remains at or above \$1.65 on Feb. 1, storage earnings will stop and interest on the price support loan will begin to accrue for oats that has been in reserve for more than one year. Interest already is accruing on loans for oats that has been in reserve less than one year.

If the Feb. 1 price falls below \$1.65, reserve oats no longer will be in release status and farmers will continue earning storage payments.

Data used by CCC in determining the release level include five-day moving average prices — as reported by USDA's Agricultural Marketing Service — which show prices bid by buyers at selected markets, and month-end report of prices received by farmers issued by USDA's Statistical Reporting Service. This report shows the previous month's average price and the current mid-month price.

The daily market reviewed by CCC for oats is Minneapolis.



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For Sale - Minneapolis Moline tractor, 445, 3 pt hitch, live power take-off, power steering, recently overhauled \$950 00 Cumb Co., 717-423-5288

For Sale - 404 NH hay crusher in fair condition \$100 00 or make offer. Purebred Male bull dog Cumber Co., 717-532-3640

For Sale - 15" western saddle with suede seat Good cond., hardly used Blanket included \$75 Call 717-834-4834 Perry Co.

For Sale - Heat exchange for 7" stack with 18 tubes, 2 new white storm windows 34"x37" Lanc Co., 215-445-5797

For Sale - M and M tractor, bedding chopper Benue S King, RD 1, Paradise Pa 17562, Mine Road

For Sale - Good Buck saw w/three blades \$150 6' livestock waterer \$50 good super C, overhauled \$1750 Lanc Co., 717-872-5263

For Sale - 1974 Ford E-300 super van w/extra springs \$1200 1966 Scout, 4 WD w/heavy duty snow plow Lanc Co., 717-872-5263

For Sale - Cardinal junior elevator 16 ft \$100 York Co., 717-755-5622

For Sale - Early cut Timothy hay, no rain green and leafy 1 ton \$135 a ton East York 717-755-2149

MAILBOX MARKET

For Sale - Surge pipeline 2" stainless 1 yr Orbit milkers, 100 Alamo pump Electrobrain complete system 717-264-6007

For Sale - NI No 17 ground drive manure spreader very good condition Lanc Co., 717-656-7169

For Sale - Driveway culvert, 15"x20 ft, 1/2" thick, \$100 00 301-653-9089, (Dela)

Wanted - Ford Jubilee tractor 9153-54 less motor or For Sale Complete Ford Tractor motor 717-949-3263

For Sale - Strong, hardy Rottweiler pups, born on the farm, excellent guard and drover dog AKC, \$250 cash 717-865-4594

For Sale - Hydraulic pump and injection pump, for JD tractor tires 20 8x38, 18 4x26, 16 9x24 717-733-4516

For Sale - Big black carriage horse, Joe E Stoltzfus, Lanc Co., Box 346, R1, Peach Bottom Pa 17563

For Sale - For Sale - Horse Sleight, Urie P Stoltzfus 1359 Hilltop Rd., Myerstown, Pa 17067

Notice - Will do grooving or gutters for gutter grates with a concrete saw 717-933-4616

Notice - Swap firewood & locust post for baled corn fodder or straw 717-872-7642

For Sale - A Siegler oil stove not used much, \$400 Ezra E Beiler, #1, Box 131-A, Loganton, Pa 17747

Wanted - Good Holstein Heifers weight 800 lbs or more Ready to breed or bred short time Berks Co., 215-562-4575

Notice - Free AKC Reg Basset Hound, male, to good home, very lovable Lanc Co 717-898-7494

For Sale - Timothy hay 1 50 per bale, Bred sows' first litter due about one month (Yorkshire) \$200 00/ea York Co 717-432-9056

For Sale - Big Billy goat small kids corn shells w/P T O, snow plower for tractor 1 1/2-ton feed cart 717-733-6802, Lanc Co

For Sale - NI hay crimper and Mayrath grain auger transport type, 24"x6" dia \$175 Each Lanc Co 717-626-5438

Wanted - Steel wheels for AC D19 tractor Elmer E Fisher 88 S Kinzer Rd Lanc Co Kinzer Pa 17535

Notice - Lost Dec 12 gray tool box containing air hammer-drill, Ben F Beiler, 134 Black Horse Rd, Paradise, Pa 17562

For Sale - Bulldozer D-7 Cat pony engine has electric start hydraulic 12' blade Standard tran smission Schuykill Co \$7200 717-276-1598

For Sale - Used 7' porch flooring, Lanc Co., 717-354-7186

For Sale - Heating & electrical fixtures in recently purchased home. Buyer may remove if preferred Amos Yoder, Gap, Box 2072

For Sale - Jeep CJ5 with snow plow and PTO with 3 pt hitch 11,000 miles \$2500 215-255-4630

For Sale - Fox self propelled Harvester w/3 row narrow head Make offer, Lanc Co., 717-354-0289

For Sale - 1 Reg - Hampshire Ram, Exl Breeding 3 kinds of Lop Rabbits Dwarfs & Rex all Pedg 215-275-8499, Montgomery Co

For Sale - Used 15HP, 3ph, electric motor \$300/best offer, also gas milk house heater 717-354-5691

Wanted - Fox IF 546 Harvester for parts For Sale - Two (2) Milk-o-Meters Lanc Co., 717-548-2877

MAILBOX MARKET

Wanted To Rent Dairy farm buildings for 30 to 50 cows in Lanc Co 717-768-3924

For Sale - Weather Alert \$10 00 Packaging tape dispenser 100 00, dictaphone for minitapes 10 00, midland cordless telephone 70 00, Lanc Co, 717-354-5060

For Sale - JD 210 disk harrow 14 ft wide 20" blades like new \$2400 Lanc Co, 717-284-3270

For Sale - Hack buggy w/box without gear good condition, \$250 Leroy B King RD#2 Box 353A Quarryville, Pa 17566, Lanc Co

For Sale - Vent-o-matic 30 in fan late model like new, P&D Silo unloader tropic air gas stove Lanc Co, 717-733-2764

For Sale - Furnished hunting camp in Perry Co, close to state game land Ickesburg 717-444-3973, 4 p m till 1 p m

For Sale - New ear corn will deliver pick-up load within 20 miles of Reading, Berks Co., 215-777-2072

For Sale - 5 yr old saddlebred driving horse Rides and drives Ready to go 717-532-3278, Franklin Co

For Sale - AC-WD parts tractor Rear tires 80% \$350 00 or will sell parts Leb Co, 717-865-6860

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For Sale - Grade holstein due 12-30-2nd calf dam Ivanhoe Star w/120,000 lifetime Omar S Kauffman, R#2 Honey Brook, 19344

For Sale - Good quality mixed hay timothy and orchard grass no rain Sch Co, 717-345-4489

For Sale - Two tractor tires 16 9-34 half treated or better \$200 00 for fair 215-932-8208

For Sale - 2 hole corn sheller \$75 00, Aux gas tank or Ford pickup 45 00, Women's winter coats (717) 687-7948, Lanc Co

For Sale - 2 triple trees, 2 double trees, 6 single trees, 10 middle rings, Meyer pump jack 717-354-0962

Notice - Use of - Good bin wagon for your grains for storage inside year-round Annual basis Northeast of Lancaster, Pa 717-464-2464

For Sale - 6000 gal air pressure tank Tank is being used now, may be moved anytime after 12-20-83, 717-532-3360

For Sale - Athens 9 tooth chisel plow, 3 bar, 34" clearance, NI 5 wheel hay rake Leb Co, 717-867-1829

For Sale - JD 1240 corn planter plateless, double disc openers, insecticide Lanc Co 717-284-2825

For Sale - Reg Holstein Bull 13 mos sired by Pete Dam VG86 Chief, records to 20,140 4% 810F \$700 717-933-8403

For Sale - Mixed hay, some all Timothy hay, both \$80/ton 717-658-3516, Snyder Co

For Sale - 9 ft JD KBA transport disc (Brillion cultipacker) need a used 16 934 tractor tire Berks Co, 215-286-5052

For Sale - Gravely Commercial-10 Gravely Super electric start Late rotary mowers-sulky excellent cond, 650.00-850.00, Lanc Co, 215-445-4090

For Sale - JD 999 corn planter w/fert attach & plateless units, has front dolly wheel, no weight on tongue 717-354-6712

For Sale - Standard bred carriage horse 7 yr old traffic safe Lanc Co, 717-354-5696

MAILBOX MARKET

For Sale - Amer Sad diebred Carriage horse stand 16 z Christ S King, 2839 Church Rd Bird-in-Hand Pa Lanc Co

For Sale - Warm Morning coal stove, good cond \$400 David S Fisher, RD1, Ship Rock Rd, Willow Street, Pa

For Sale - South Bend 10" Lathe floor model, real nice, 110 volts, \$1400 Dick Vincent, Gap Pa 717-442-4203

For Sale - IH 706 tractor or trade for 574 or 674 or similar tractor Lanc Co 717-687-6648

For Sale - Dometic gas refrig used 5 yrs \$650 717-786-7032

Notice - For rent w/option, small Col. Co dairy farm, avail soon 717-799-5217

Wanted - 4 wheel drive "PUG" utility vehicle, any cond Warren Co 201-453-2491

For Sale - 2 winter tread tires, size ER78-14 mtd on 5 hole rims, almost new \$70 Cumberland Co 717-243-4797

For Sale - Quality Shropshire ram lambs, yearling & 3 yr old proven ram Shepard & D'Ambra bloodlines Leb Co 717-949-3653

For Sale - Guernsey cow, also 80 gal elec water heater \$35 Lanc Co 215-445-4267

Wanted - Front-end hyd loader & bucket w/mounting brackets/plates for JD 2020 tractor Somerset Co, NJ 201-369-7232

Notice - Border Collie pups for good home, 6 wks old Lanc Co 717-354-5993

For Sale - Jack Russell Terriers, exc house dogs, great rat & groundhog catchers, Adams Co 717-334-0400 or 334-0349

Wanted - Bean potato grader in good cond For Sale - 500cc Yamaha street motorcycle 1973 asking \$400 Northampton Co 215-837-7142

For Sale - Large reg Charolais polled cow w/bull calf, Charolais heifers & bulls, Orchard Grass seed Lehigh Co 215-756-6618

For Sale - 1970 Plymouth Duster, inspected, good tires, runs good Schuylkill Co 717-739-4592

For Sale - Tenn walking mare, 4 yr old, exc temperament & con formation asking \$1200 Luz Co 717-379-3217 after 4 30 p m

For Sale - Kesco dumping station complete, hose is less than 1 yr old, good cond \$300 Also Walnut wood 717-653-5861

For Sale - 2-4 yr Stan dardbred horses, good road horses, have snap Amos S Martin Conestoga Creek Rd South Terre Hill

For Sale - 6 cyl IHC power unit, rebuilt IHC corn planter Ben J Kinsinger, RD 1, Box 234A, Meyersdale, Pa 15552

For Sale - Gooseneck trailer, tandem axle, elec brakes, flat bed 15' long, 8' wide \$950 Merritt M Bowman, Clearville, 814-652-5604

For Sale - 1 large grade Holstein Heifer Al sired, Al bred, calthood vacc due Jan 14 Oley, Berks Co 215-779-5605.

For Sale - "Propellant 49", America's No 1 ice melter Andrew M Stauffer, RD2, Box 757A, Parkview Hgts Rd, Ephrata, Pa 17522

Wanted - 70-100 gal liquid fertilizer tanks & squeeze pump to fit JD planter, York Co 717-993-2206

Wanted - Grain auger prefer 6"x20", also grain bin Lanc Co 215-445-5734

Wanted - Vee or flat pully any size from 45" to 72" 215-445-4144, Lanc Co

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For Sale - Open carriage shed 18'x72', pegged beams, you tear down, Lehigh Co Warren Koenig, 215-767-1344 or 767-5497

Wanted - Looking for organically grown, fancy Alfalfa hay, also Timothy Hunterdon Co NJ Northview 201-832-7867 or 201-832-5423

For Sale - Purebred Guernsey Bull, 3 1/2 yrs old, no papers, sired by Fabian Luzerne Co 717-788-1470 after 8 30 p m

For Sale - Brillion 12 ft transport harrow, good condition \$675 Lanc Co 717-354-5092

For Sale - 2nd cutting Alfalfa Mixed hay 350 bales \$125/ton, mulch 1500 bales 1/bale Jefferson Co 814-371-7894

Wanted - Used silo unloader for 10' silo, must be able to handle haylage & corn silage, good cond 717-692-3939

For Sale - Ice skates, like new, \$8/pair, child's Reidel size 10, women's size 3, large boy size 1, Chester Co 215-932-4728

For Sale - 1974 IH 1066 2400 hrs, 2 PTO shafts, exc cond original rubber \$9500 Lanc Co 215-267-6547

For Sale - Productive Tioga Co dairy farm, 193 acres, 2 barns, 3 silos, large house, 717-724-2174

For Sale - 3 pt scraper blades, 3 pt fertilizer spreader, overhead garage doors, V-type angle snow plows 717-345-4882

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For Sale - 3 yr old Sad-diebred colt, broke, good disposition H L Stoltzfus, Centerville Rd Gortonsville, Pa 17529

Wanted - Deutz or GM diesel V-6 engine in running cond For Sale - 52 gal elec hot water heater 215-683-7994

For Sale - 300 H&N leghorn pullets, 20 wks old, 1st wk of Jan Henry K Beiler, RD1, Vintage Rd Christiana, Pa 17509

For Sale - 60 White Shoats, avg 40 lb, good quality Samuel S Kauffman, R1, Bell Rd, Christiana, Pa 17509

For Sale - 2 male Fox Terrior pups \$25 ea Mother a good ratter, 6 wk old Dec 23 Lanc Co 717-656-8961

For Sale - 4 complete Bou-matic units Daniel M Beiler, 624 Willow Rd, Lanc Pa 17601

Wanted - Sauder 8' snow blade & mounting brackets for MF 85 Buck Co 215-679-6332

For Sale - 6' hyd snow blade, came off Ford 3000, \$575 Somerset Co NJ 609-466-0592

For Sale - Cub tractor w/59" Woods rotary mower, garage kept, late model perfect cond \$3800 Mercer Co 609-771-3664

For Sale - Pretty 1/4 TB 1/4 OH filly coming 3 Chestnut, sweet, ready to go \$1500 Chester Co 215-869-3547

For Sale - 30 steel, add on unit calf pens \$35 ea Cumberland Co 717-766-1581

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For Sale - 1970 Artic Cat Panther snowmobile, good cond \$300 Chester Co 215-286-9391

For Sale - Herd of good young grade cows & heifers, must sell Northbl Co 717-797-3751

For Sale - 31 Beams 14" wide, 28" high, 46" long \$800.00 each Can deliver Carroll Co, Md 301-756-2369

For Sale - Small pallets for farm or industrial use 12"x24" on 2"x4" base, 14"x30" on 2"x4" base, 16"x32" on 2"x4" base Hundreds of each size on hand Lanc Co 717-653-4121

For Sale - Beautiful colored pedigree, French Angora bunnies ready for X-mas gifts, 2 1/2 mo old Chester Co. 215-383-5280

For Sale - 12' IH 3 section lever harrow w/shovels & new soles \$250 field ready York Co 717-235-2032

For Sale - Maple syrup & sugar 1 ton stationary feed mixer less motor \$200 Northern Locomotive Co 717-324-2191

For Sale - DeLaval rotary vacuum pump #75 \$30 Wisc. engines 1 cyl. A-B, 2 cyl. Teo for parts 215-346-8409

For Sale - Sputnik w/12 volt system complete, good shape Daniel L King, Mill Hall #1, Box 87, 17751

For Sale - Wood & coal burning Suburban coal master, new \$245 717-297-3029 Pa, Bradford Co 201-566-6219 N.J. Monmouth Co

For Sale - Top buggy, good cond \$450 Lanc Co 215-445-4944

Wanted - 80-90 HP tractor, 10 foot cultmulcher, 4x16 plow 814-344-6637 Cambria Co or 717-354-8832 Lanc Co weekdays after 8

For Sale - JD 4000 tractor (1972) side console, exc cond, will deliver, \$8900/best offer, Crawford Co 814-967-3223

Wanted - Large old cast iron coal burning Parlor stove w/some nickle trim & roll grates Warren Co NJ 201-459-4119

For Sale - 1976 Cessna 150, 1674 Hrs TT, 720 channel Nau-Com new annual insp Asking \$8000 Adams Co 717-359-4796

For Sale - Hay, Alfalfa \$100/ton, Mixed \$75, Grass \$65, Straw, at barn; Leb Co 717-867-2258

Wanted - Automatic transmission for 1973 Chevy pick-up 4 WD, 350 engine, Lanc Co 717-367-8195

Wanted - Single boy or girl to help in farm market over summer months Paul M Zimmerman, RD #3, Mifflinburg, Pa 717-966-3794

For Sale - John Bean high pressure boom sprayer, 400 gal tank, 35 GPM pump, good cond Lanc Co 717-653-5359

For Sale - Top buggy w/rubber & hyd brakes, good cond \$800 Lanc Co 717-354-6791

For Sale - Home grown English walnuts, 60/lb Lanc Co Ephraim K Stoltzfus, Box 241, R2, Narvon, Pa 17555

Wanted - Approx 10 acres for horses, w/without small home PO Box 460, Delaware Valley College, Doylestown, Pa 18901

Wanted - Any information or contacts on joining the wheat harvest in spring '84', RD 1 Box 69A, Liberty Pa 16930

For Sale - 2 Reg Holstein heifers due Jan & Feb \$750 ea Reuben S Allgyer, RD #2, Parkesburg, Pa 19365

MAILBOX MARKET

For Sale - Like new Snapperhead (35 acres) for NH 770 or 782 Susquehanna Co 717-222-4432

For Sale - AKC Cocker Spaniel, friendly adult female, wormed \$25 717-626-5555

For Sale - Farmall Super A tobacco hoes \$135 Cultivators w/side dresser, \$195 York Co 717-252-3130

For Sale - Gandy applicator 12 volt, also center fill silage distributor w/voltage meter Lanc Co 717-665-7175

For Sale - Plastic 15 gal milk cans for snow blizzard emergency Berks Co 215-682-2078

For Sale - Int 5 sp OD trans \$150, stake body dump system \$600 717-292-4245 eves

For Sale - 3 Universal milkers, floor type \$400 7 yr old black Saddlebred horse, hitches nice \$1000 Michael Esh, RD 1 Box 273, Strasburg, Pa 17579

For Sale - Case 1530 Uni-loader, 350 hrs since engine, variable speed & remote controls overhauled \$3150 Lanc Co 717-354-7510

For Sale - Canaries by private breeder, make exc holiday gifts Females \$10 up, males \$25 up 301-692-6920

Wanted - JD wide front end to fit JD 3010 Carroll Co 301-795-2609 or 795-6484

For Sale - Lambs, 14" Cardinal concrete saw, gas \$450 Free Kittens Berks Co 215-582-3066

For Sale - Used Kenmore wood-coal stove w/thermostat, \$75/best offer Levi A Kinsinger, RD1 Box 222, Kirkwood, Pa 17536

For Sale - Ford belt pulley \$85, also horn stalk cutter \$50 & 6' 3 pt rear blade \$135 Dau Co 717-469-2897

For Sale - Hand cut lumber for fireplace mantel Jonas B Fisher, 74 McIlvaine Rd Paradise, Pa near Stone Quarry

For Sale - Beautiful light varnished refinished 5 pc waterfalls bedroom suite, includes almost new box spring & mattress \$375 215-682-2760

For Sale - Ford 901 tractor 3 pt hitch & Wagner front end loader, good tires & new paint \$2800 215-967-3957

For Sale - 45 head of Holstein feeder cattle average weight 750 lbs 13 head of Holstein-Shorthorn heifers Adams Co 717-334-6418

For Sale - Canaries, good variety of colors, guaranteed singers, Daniel H Kinsinger, R1, Salisbury, Pa 15558

For Sale - 7' Sauder snowblade, brackets for Ferg 30 4 Chevy 6 lug wheels & tires Berks Co 215-683-6858

For Sale - IHC model 400 6-row no-till corn planter, dry fertilizer and/or Herbicide tanks Nor thumberland Co 717-425-3515 after 6 p m

For Sale - 10 bred Ewes, Suffolk \$105 Corriedale \$95, due beginning of Feb Leb Co 717-867-1305

For Sale - Farmall Super A w/cultivators, plows, & disc Tractor in show room cond Berks Co 717-933-4337 after 4 p m

For Sale - Alfalfa hay, leafy, no rain, good color \$100 2nd cutting \$120 Mixed \$90 Snyder Co 717-837-0265

For Sale - 2 pair of dual wheel truck chains, never used, fit 9.00-24, 10.00-20 & 11-22.5 \$75/pair Dauphin Co 717-939-5583

Wanted - Potato bin stacker w/40' telescopic boom Lehigh Co 215-395-1823

MAILBOX MARKET

Wanted - White Peafowl hens Melvin S Lonegan, R3, Hamburg, Pa 19526 215-562-8340

For Sale - 2 close springing Holstein heifers \$450 ea or trade for started heifer calves Mifflin Co 717-899-6716 eves

For Sale - 285 Massey w/dual hyd, 18-4-30 rubber, 81 HP \$8000, IH 56 corn planter 4 row Chester Co 215-384-4370

For Sale - Cookstoves! Still time to save fuel costs this winter, practical, usefull ranges, burn wood or coal, Schaeferstown 717-949-2195

Wanted - Small truck, good cond or need work Lanc Co 717-665-5294

Wanted - Used 25 KV PTO alternator, must be in exc cond Somerset Co NJ 201-873-2711

For Sale - 1975 Chevy Scottsdale, 350, PS, auto, 63,000 mi, runs great, body damaged by fallen tree \$1000 Vineland NJ 609-696-1606

For Sale - 2 row corn head for JD combine, 1 reg Quarter horse Stallion 7 yrs old \$400 301-387-6530

For Sale - 12 tooth mtd chisel plow \$895, Trenton NJ 609-259-2802

For Sale - 7 or 9 tooth Athens chisel plow w/gauge wheels \$950, Chester Co 215-932-4312

Notice - Umbrellas & parasols repaired, old umbrellas needed for repairs Amos L Lapp 473B Centerville Rd, Gordonville, Pa 17529

For Sale - Reg Percheron mare, 9 yrs old, 161 hands 1650 lbs, black, broke, bred Also, JD manure spreader 607 433-2681

For Sale - Slide in camper can sleep 6, refrig, sink, wired for elec gas stove York Co 717-246-3558 after 5 30 p m

For Sale - JD M, plow and mower \$2500, Gravely 10A convertible, mower, cultivator, roto-tiller, sulky \$1000 Berks Co 215-582-2593

For Sale - JD 290 corn planter \$150, Goodyear 18 4x38 6-ply, pair \$100 Berks Co 215-944-9819

For Sale - Caterpillar's, R-2, 20, 28, also TD-14 for parts P&H backhoe crane GMC army truck, Lanc Co 215-445-6032

For Sale - NH 791 spreader, like new, upper beater, end gate, fine pan, apron slowdown, 2' removable sides Perry Co 717-444-3246

For Sale - Nubian & Alpine does, Nubian buck, good lines, reas prices, Guernsey heifer & Jersey cow Berks Co 215-689-9895

For Sale - 240 Farmall tractor w/cultivators & tobacco hoes IH 475 transport 12' disc 20" blades Lanc Co 717-656-2824

For Sale - JD #336 hay baler, very good cond \$3000 18 Correll panels new \$55 per panel 717-665-3387, 804-223-8396

Wanted - Farmall 350 diesel in any cond parts or whole Bucks Co 215-348-3196 after 7 p m

For Sale - Kitchen heating range, used 2 winters \$600 2630 JD tractor on steel, good cond \$8000 Lanc Co 717-354-8745

For Sale - NH 450 mower \$795 NI 12A manure spreader, very good \$895 JD RW transport clean disc harrow \$875 717-354-0266

For Sale - Plywood calf hutches w/coating of wood preservative for \$70 option-fiber glass roof panel Lanc Co 717-627-2303 or 626-8879

For Sale - Old weathered barn siding, some boards 16"x12" to 16" Leb Co 717-469-2404

MAILBOX MARKET

For Sale - Farmall Super A, new paint w/plow, cultivator, mower & trailer 717-442-8308.

For Sale - Ply Valiant, 1975 4dr, air, PS & brakes, runs fine, has rusted fenders, \$375 Carroll Co MD 301 795-6799

For Sale - JD no-till 1480 soybean planter w/light 71 flex units 301-957-1125, 301-632-2752 or 301-632-2654 Wo Co Md

Wanted - Steel front wheels & hood latch for I-H "10-20" Wayne Tompkins RD2 Box 19 Addison, Ny 14801

For Sale - Reg & unreg Pygmy goats, buck, does & wether \$50-\$250 Stud service, also Leb Co 717-865-5080

Wanted - Toy tractors & implements from 1970 or before, broken ones, too Paying good prices Dave 717-768-3554 Lanc Co.

For Sale - NI manure spreader on steel, good cond, \$400 Cumberland Co 717-697-9788.

Wanted - Husking bed for NI corn picker Lanc Co 717-284-4283

For Sale - Yamaha GP 292 snowmobile in exc cond, cover also included Berks Co 215-856-7542 after 6 p m

For Sale - Elkhound pups, 6 weeks old Henry L Beiler, RD1, Box 279, Liberty Lane, Kirkwood, Pa 17536

For Sale - 8 hole Smitly hog feeder \$75 Jacob Stoltzfus, 39 Colonial Rd, Gordonville, Pa 17529

For Sale - 1970 Ford truck w/Cat diesel engine, 30,000 #GVW, David Chapman, Broome Co NY 607 748-7229

For Sale - Diesel power generators 35KW, water cooled single phase, 31 hrs, 100 gal built in fuel tank, block heater, \$6500 215-269-1221 days

For Sale - Skid loader Bobcat 500 \$2000 AC tractor C 650 Case LCK 430 tractor turf tires \$2700 215-598-7546

For Sale - 5 yr old good sized Standardbred carriage horse Elam K Beiler, RD6 Box 353, Coatesville, PA 19320

Wanted - JD size 11x38 rim, w/without tire, if necessary will buy a pair York Co 717-766-2222

TRUCKS & TRAILERS

For Sale - 9', 10', 19' & 20' wooden livestock bodies. 20' Morgan van body. 20' van body. M.H. Eby, Inc., Blue Ball 717-354-4971.

For Sale - 9', 10', 19' wooden livestock bodies. 20' Morgan van body. M.H. Eby, Inc. Blue Ball 717-354-4971.

1978 Mac Cruise liner, COE, 300 HP, 6 speed transmission, engine brakes, wetline, new 11-24.5 tires, 341,000 miles; 1979 Liberty 28' aluminum dump trailer, 10.00x22 tires, new condition, 301-582-0751.

1970 Chevrolet C50, 16' steel dump bed, 350 engine, 2 speed rear, 21,000 GVW, 717-345-4882.

FOR SALE

1979 Ford extra heavy duty F-600, 361 engine, 5 speed trans., 10x22.5 tires, 21' box with deck over cab, 57,500 miles, like new condition.



717-324-2841

TRUCKS & TRAILERS

1977 Int. Loadstar 20' rollback sharp, 1972 GMC 20' grain body 28' aluminum dump trailer, priced to sell. 814-623-9696.

Energy hydraulic truck hoist sales and service. Anderson's Repair Shop 717-244-2039.

For Sale - snow tracks, for your four wheel drive vehicle, fits sit lug wheels, go anywhere, like new. Phone 717-273-6018.

For Sale - 1963 GMC 6000, cab over, p.s., air brakes, with nine foot Stoltzfus lime body with beams, 32,000 GVW call 301-791-0020.

1975 Ford 3/4 ton pick up, with metal cattle racks, \$2500, 717-626-6805.

70 GMC truck w/power lift gate, 12' Diamond plate body, new V6 305 motor, holds 8 ton. 201-637-4096.

1975 Ford F350, 4 speed, power steering, new tires, 360 V8 rebuilt engine, 9' stake body, 10,000 GVW, \$2,600 Lancaster County, 717-859-3161.

1968 GMC V6401 5+4 trans. Runs good, can be fixed up or used for parts. 1964 Chevy tandem. Detroit diesel Long chasis 5+4 trans. Make a good grain truck. Needs some work. Runs good. Harford Co. 301-836-8905.

For Sale - New Dump Beds, all sizes, steel or aluminum, PTO flaps, lights, cab protection, paint, mounting, example steel 1-ton 10' \$2500, 12' \$2800. 814-623-9696.

8x18 Featherlite aluminum gooseneck trailer, 81 model, good, \$4800, priced to sell 216-682-3151.

GMC Crewcab, dually rebuilt, excellent, with 35' Kingston four horse show trailer, 5' dressing room, canopy tape deck, \$12,000 or offer. Mrs. W. Gerken, Hopewell NJ, 609-466-3426.

For Sale - 1982 Chevy diesel pick-up, 4 speed, OD 10,000 miles, \$7,600; 1979 Chev. Pick-up, SH cyl. automatic, \$3,800, Lebanon County, Phone 717-273-6018 after 5 PM.

NEED CASH? We buy unwanted trucks and parts, scrap aluminum of any kind. Wrecked dumps, vans, flats, tank trailers, etc. Call 717-273-7474 (day), 215-944-9871 (evenings).

'81 Chevy Luv 4 wheel drive diesel pickup, 4 speed, lockout hub, 18,000 miles, \$5800. 717-733-2873.

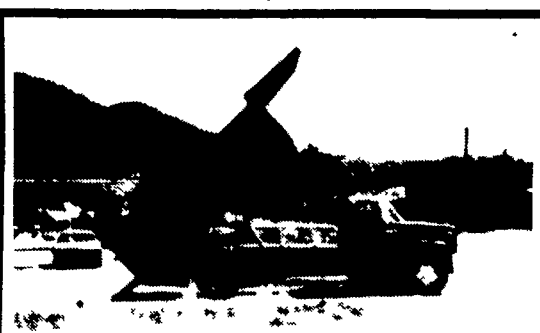
'83 Chevy Scotsdale, C10 4 wheel drive pickup, 305 4 speed overdrive, PS/PB, Rally wheels, running boards, 10,000 miles, like new, \$9200. 717-733-2873 or 733-4884.

'81 Dodge Custom 150, 4 wheel drive power wagon, 6 cyl. 4 speed, PS/PB, lockout hubs, sliding rear window, \$6200. 717-733-2873.

For Sale - 1977 Chevy Luv, 4 cylinder, 4 speed, good condition, \$1450, 717-865-3488.

For Sale - 1977 Ford, 3/4 ton pick-up, w/cap, 49,000 miles, V8, AT, good condition, \$2250, will trade on pigs or cattle, 717-865-3488.

TRUCKS & TRAILERS



'74 C-60 Chev 14' Dump, 75,000 mi., new 900 tires, rear 4 speed 2 speed \$6,500

Will trade.

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1978 W150, 4x4 w/Factory Snow Plow, 318 V8, 4 Speed.

1978 D150 SE, Like New, 318 Engine, Automatic, Power Steering & Brakes, 6100 G.V.W., AM-FM Stereo, Regular Gas.

1978 D150, SPRING SPECIAL 6100 G.V.W., Regular Gas, 400 C-I, A Good Tow Vehicle, One Owner.



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May you and yours experience all the peace and happiness that this season has to give. Many thanks

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"THE TRUCK PEOPLE"

Rt. 663 & Swamp Pike, Gilbertsville, Pa.

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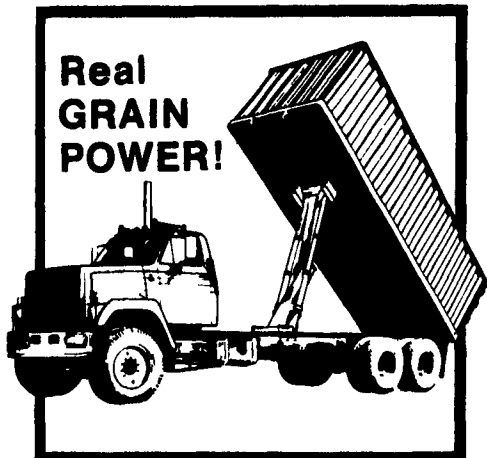
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Heavy gauge steel sides with deep corrugations for maximum strength. The stakeless is available with either 52" or 60" high sides and standard lengths of 18', 20', 22' and 24'. Greater inside width and length. Ideal for hauling grain, sugar beets, bagged or palletized products.

Rear options include two or three section full opening rear doors and automatic beet or silage gates.

Complete your "Grain Power" package with an Omaha Standard work-proven hoist. Choose from the most complete line of scissor or stabilized "Olympic" telescopic hoists. There's an Omaha Standard hoist for any size Omaha Standard stakeless body.

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1982 FORD LN 700

w/18' grain body, 8.2 liter Detroit engine, 210 H.P., 5 speed transmission, 2 speed rear axle, P/S, air brakes, air lift axle, 2 air seats, 1000x20 tires, 18' Parkhurst Grain Body, 52" sides, rear chute, 30 ton hoist, "Like New"

1978 International 1750, 218" WB, DT-466, IH diesel engine, 5 spd., rear axle, tilt hood, 1000x20 tires, 26,500 tag

1978 International 1700 C&C, 404 gas engine, 5 spd., 2 spd. rear, p/s, air brakes, 900x20 tires, 23,600 tag

1970 Fruehauf 24' alum. dump trailer, bath tub type, 1000x22 tires.

1970 city 30' alum. dump trailer, 1000x20 tires, "Very good shape."

1978 Pete Bilt COE, 3406 CAT, 325 H.P. (out of frame overhaul) 10 spd., 11-24.5 tires, 4 spring susp. (w/ warranty on engine from CAT)

1977 utility 42' reefer, 13' high, sliding tandem, 11-24.5

ASK FOR LARRY OR KELLY

Open Daily Till 9 P.M.

Saturday Till 3 P.M.

TRUCKS & TRAILERS

'82 Datsun King Cab pickup, 5 speed, AM-FM, \$5600, '81 Chevy Luv, 4 wheel drive, diesel pickup, 4 speed, lockout hubs, 18,000 miles, \$5800. 717-733-2873 or 733-4884.

1969 D 1000 Dodge truck, 250 Cummins, recent overhaul, 10 speed Road Ranger, tandem axle, air condition and PS; 717-949-3074.

1974 IH CAB OVER 4070A, 13 SPEED TRANSMISSION, 318 DETROIT DIESEL, PS, SLIDING 5th WHEEL, GOOD RADIAL TIRES
215-286-9510

REAL ESTATE

For Sale - 188 acre hog or beef farm, some of the best level land in NY state, 40,000' tile, 5 miles from Geneva, Central Finger Lakes, new class 4 house new 54x72 Morton Building, new 20x40 hi-moisture silo, dryer, 30,000 bushel grain storage, 2 set buildings, trailer, trailer site, one barn 166x36 basement, there's more, \$650,000-terms. 315-585-6394.

Wanted - Farm with limestone soils between state college and Bedford, Phone 215-383-5494.

Secluded 126A Juniata County cattle or small dairy farm, large barn, three silos, two spring developments, stone and log house. 1/4 mile creek frontage, partial financing, price negotiable, owner will stay on as caretaker or will lease back, 717-734-3705.

Shenandoah County - Two adjoining farms with two 20x60 harvestores. Will sell all or part. 703-459-3682.

For Sale by Owner - 155 acre farm, 1/2 tillable, Steuben Co., near Rexville NY, all season road, ponds, excellent springs, house, 2 car garage, \$80,000, terms, 814-334-5628, eves.

"A 200 acre dairy farm will be available March 1, 1984 in northern Harford county Maryland, with approximately 110 acres tillable, house and some machinery available. Small herd presently being milked in parlor. We are interested in having someone with some machinery and cows to farm on a percentage agreement." Send Replies to Lancaster Farming, P.O. Box 366, D-102, Lititz, PA. 17543.

Wanted - Dairy farm to rent for Spring 1984. 717-653-4420.

Desperately needed by spring, dairy barn and home to rent, prefer North PA, 35 to 60 cow barn, 50 or more acres, Bucks Co., 215-795-2281.

Wanted to rent - Dairy farm buildings for 30-50 cows, in Lancaster County 717-768-3924.

Wanted to rent - Modern, well maintained dairy facility, tie stalls preferred, room for 35-40 milkers and young stock, pasture a must, land not necessary, feed at or nearby available, house required. 716-624-1693.

64 acre farm, delightfully set with 2 ponds and a 2 story farm house in good condition. Country Kitchen, all appliances included, large bank barn with 15 stalls and other additional farm buildings complete the property. Soil ready for farming. A most desirable location and an excellent value. \$230,000. (ML 44166) Call Heritage Real Estate 215-318-3112.

For Sale - 114 acre dairy in Nittany Valley. Ready to go. Room for expansion. Buildings in good condition, Write Lancaster Farming, Box 366-D-99, Lititz, 17543.

REAL ESTATE

Farm for sale - located on Rts. 522, Decatur Twp., Millfin Co., approx. 91 acres, 75 tillable, two 2 story frame houses, bank barn, ideal for Christmas tree plantation, orchard or farming. Priced to sell. 717-374-9125 evenings.

199 acre farm on Marion Road. Old stone house remodeled, large bank barn, Lancaster silo and other outbuildings, Robert F. Crider, 717-264-8258.

Real Estate for Sale by owner. Beautiful wooded 2 acre lot, 3 bedroom rancher, kitchen, large living room, full bath and laundry, finished basement, 1 car garage in basement. Separate 2 car garage. 717-776-7555.

REAL ESTATE WANTED - Wanted: N.Y.S. dairy farm with 5 houses or more. Phone 716-454-4235.

FARM FOR SALE - 91 acre dairy farm, RD#2 Annville, Lebanon County Penna. 31 stalls, milk house, implement storage bldgs, long macadam lane, nice 2 1/2 story vinyl sided farm house, 60 acres tillable, 22 acres fenced, pond, a real showplace for \$230,000. Call Realtor-Auctioneer Nelson Ebersole, 717-867-5221 SUBURBAN REALTY, 717-273-9358, 30 West Main St., Annville, Pa. 17003.

Dairy Farm - 101 acres, Northampton Co. Modern 62 tie stall barn w/pipeline, and bulk tank, 2 Harvestores 20x80 and 20x30. 2 barn has 9 stalls w/barn cleaner and 10x30 stave silo, good for replacement animals. Large farm house and other out buildings. By owner 215-588-5742.

Farm for rent - 70 A northern Lancaster Co., \$625 per month. Call 717-733-3980.

Farm for sale by owner, 85 acres, well drained limestone soil, 80 tillable, new home, barn out buildings, over 1 mile road frontage, near Turbotville, Northumberland Co., \$150,000, 717-649-5992.

For Sale - 114 acre dairy farm in Nittany Valley. Ready to go. Room for expansion. Buildings in very good condition. Write to Lancaster Farming, P.O. Box 366-D-99, Lititz, PA 17543.

GROW X-MAS TREES Ideal 125 acre farm, 6 miles south of Carlisle, owner financing, low down payment, balance 9%, 717-677-6753.

Farmhouse for rent - completely remodeled, 2 bedrooms, 1 1/2 baths, bank barn, 37 acres, York Co., \$500 per month, 717-764-0022.

Farm for rent - approximately 500 acres, all tillable or pasture ground, situated on 2 farms with main farm equipped with 12 cow milking parlor fully equipped, plenty of buildings, barns and or for storage, 2 houses located near Hagerstown MD, 301-733-1856 between 10 and 8.

98 acres of level land, large bank barn, 2 houses, \$120,000. 717-392-1177.

Wanted to Buy - A farm in Cornwall or surrounding area, beef, hog setup. Owner financing. 717-249-6410.

Want to rent: With a possible option to buy 50+ or - acre general farm, Carlisle, PA area. 814-698-2400.

For sale by owner: Mini-farm, 49 1/2 acres, 3/4 in grass, 1500 ft. road frontage, convenient, beautiful location, S. of Lynchburg, Va., Campbell County, \$75,000. Terms. 804-283-4752 after 6 PM.

13 1/2 acre farm in South Lebanon County with Nebraska hog finishing unit for 640 hogs, 3 bedroom house, small barn, pond and stream and fruit trees. Good monthly income. 717-949-3851.

REAL ESTATE

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

96 Acre Dairy Farm, Oxford area, good house, bank barn, equipment shed, \$250,000. Hayes Oxford 215-932-3092 - evenings call Jack 717-354-9534.

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawberry, 301-996-2022.

Farmette, 12.66 shares, for sale by owner. 717-259-9983.

Log cabin located in the mountains of Central Pennsylvania, excellent hunting and fishing available, located 3 miles northwest of Belleville, off Rt. 305 near Greenwood State Park. Two parcels of land included. One tract being of the dimensions of 75' x 101'. The other being 300' x 124'. Water available on property. Bids being accepted immediately. Mail bids and inquiry to Archie D. Stuck, 127 E. Main St., Belleville, PA 17004. Bids must be postmarked no later than Aug. 8, 1983. The owner reserves the right to reject any or all bids.

FRANKLIN COUNTY - dairy and general farms, Kuhns Real Estate, Inc., 717-597-8300. Roger Wildeson R.E.S., 717-263-5702.

Farm for rent - 40 acres, modern house, barn and work houses, Lancaster Co., 6 miles from Ephrata, 215-562-4820.

Farm for sale by owner - 140 tillable acres, 40 acres wooded, good flat Klinesville soil, lots of frontage on hard road, Columbia Co., write to Lancaster Farming, PO Box 366-D-94, Lititz, PA 17543.

"FLAWLESS"

In every appointment...superb workmanship, material and design...brick tri-level...4 to 5 bedrooms, fireplace living and family rooms, 3 finished baths with one waiting for the finishing touches, elegant dining room, cherry cabinets in sunny eat-in kitchen, 2 car garage. All situated on 14 private acres. \$139,000. C-9 Broker Co-operation Invited. 607-962-2401.

St. Petersburg Florida house for winter season or by year. Completely furnished 2 bedroom, w/w carpeting, central heat, fruit trees. 215-754-7316.

100 acre Southern NY farm, refurbished house, w/w carpeting, electric heat, wood stove, bank barn, machine shed, out buildings. Picture post-card setting. Valley inside a mountain. \$69,000. 215-754-7316.

NEW YORK STATE: Yates County. Attention Horse Lovers! Do you need an indoor lighted arena, 60x120, with 1/4 acre pond, 12.9 acres, paddocks and corrals, a 3 bedroom home? We have it. The horse barn is equipped with 12 oak stalls and a wash stall. Plenty of good fresh water. Raise thoroughbreds, hunters, quarter horses. More land available. Call on 100A Century 21 Four Seasons, Penn Yan, 315-536-7456.

CATALOG OF FARMS

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3546 WATSON RD. ST. LOUIS, MO. 63139
1-800-325-9943

REAL ESTATE

For Sale - 4 acre farmette in Franklin Co. brick rancher, 3 bedroom, 1 1/2 baths, fireplace, full basement, large patio. Block barn with workshop, \$70,000. 717-328-3836.

Wanted - Small slaughter house for dogfood company. Contact Wayne Taylor at 215-692-6476.

221 ACRE FARM

2" stainless steel pipeline, tank, 3 silos, overlooking Seneca Lake. Price greatly reduced for a quick sale. Owner financing.
607-243-8669

BEKRS CO. POULTRY FARM

50 acres, 35,000 capacity layer house, big Dutchman Equipment, fully automatic, 12x60 2 bedroom mobile home, hay making and clean out equipment included, 215-562-7776

LEBANON COUNTY

FARM FOR SALE 95 ACRE DAIRY

Parlor, silo, 10 room house, beautiful kitchen

Call or Write H. John Martin, RD 2, Annville, PA 17003
717-865-3281



A thought for this season in a tumultuous world filled with economic hardships and frightening military intimidations. Remember this (as a church bulletin said) "God shook the world with a baby, not a bomb."

FARM & HOME REAL ESTATE Smoketown, PA 717-291-2270

Sylvester Baum Carlisle 717-776-3967

Harlan Keener Willow Street 717-464-2669

Mahlen Oberholtzer Lancaster 717-392-1177

Broker: J. Irvin Dentlinger 717-398-9962



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717-386-5000 Schuylkill Office

BERKS COUNTY

★ 150 Acre Modern Beef Farm with feedlot for 400 head. 2 Harvestores 25'x90' and 20'x70', slurrystore 16'x62', 140' 4 lot bunk feeder, equipment shed and much more. Call for details.

★ 140 Acre Beef Farm consists of 2 adjoining farms with large feedlot (1,000 head per year), 3 silos, 2 Harvestores, 1 conventional, beautiful stone home. Call for more details!



Call **CARL JOHNSON** 215-367-6160

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BRADFORD COUNTY, PA.

1482L 157A farm; 70A open, 62A pasture, 20A woods; 4 BR home with new siding. Includes Silo and Unloader. Needs new bar. \$89,000

1559K 69A Turn Key operation with 54 tie stall barn; large assortment of machinery and livestock included. \$155,000

1611R 66.5A farmette; 4BR home with steel siding and fireplace with insert; machinery shed; grainery; small barn; two car garage and workshop. Creek thru property. 2/3 open and 1/3 wooded. Ideal for horses, beef or sheep. \$67,500.



JACKSON REAL ESTATE

R.D. #2 Wysox, Pennsylvania 18854
(717) 265-2100

50 ACRES
stream, 1/2 woods,
hard road, private
country setting.
\$30,000. (M1555)

**EXECUTIVE
RETREAT**
21 acre wooded
hide-a-way, unus-
ually well built
custom home, near
State Land, private
valley setting.
\$99,500 (M1553)

**AFFORDABLE
FARM**
66.7 acres (30
riverbottom), Rt. 15
frontage, farm-
house & barn.
\$66,000, \$15,000
dn., 10% interest,
20 yrs.
\$492.16/mo. Horse/
beef/truck farm.
(M1500)

**ERA-Homestead
Realty**
267 S. Main St.
Mansfield, PA
16933
717/662-3287

295 AC. FENCED
1/3 woods, balance
pasture / fields,
stream, terms.
\$149,500. (W538)

PRIVATE CAMP
stream borders
wooded setting,
good 2 bedroom
home. \$17,500.
(W611)

WELLSBORO DELI
Main St. heavy
traffic, Loto
machine for good
cash flow. Call for
details. (W734)

10.2 ACRES
Outstanding views,
near town, good
access, \$11,000
terms. (W693)

**ERA-Homestead
Realty**
23 E. Ave.
Wellsboro, PA
16901
717/724-7161

CRAB YOUR MUG
& get in gear. Own
your own
restaurant & liquor
business in
Westfield. 15
rentable rooms,
plus owners
apartment. Make
an investment in
your future.
\$132,000. (D259)

LOG HOME
& beautiful too. 6
yrs. young, 3
bedrooms attached
2 car garage.
Electric heat &
wood stove. Situate
on 8.9 acres. Must
be seen to be
appreciated.
\$72,000. (D283)

**ERA-Homestead
Realty**
168 W. Main St.
Westfield, PA
16950
814/367-2222



Christmas Tree Farm

Start your own on one of
these low priced
Steuben County Farms
400 acres, 250 tillable,
balance hardwood
forest Asking
\$120,000 00

365 acres, 230 tillable,
house and barn Asking
\$100,000 00

300 acres, 150 tillable, 2
ponds \$105,000 00

225 acres, 140 tillable,
some timber,
\$90,000 00

LEW Real Estate
141 Chestnut St.
Corning, New York,
14830
607-937-5637

144 AC. DAIRY FARM -
Buy now and be ready
for spring planting Barn
100'x90', 650 gal Escot
tank, 43x40 Masonry
Bldg Buildings in good
condition Large 4
Bedroom Brick Colonial,
surrounded by mature
shade trees Well water,
a spring and Stone
Spring House, stream
and pond Approx 100'
Tillable 10 15
woodland, 2700' + road
frontage Buildings set
nicely off the road
Divide and make 2
Farms with the 4
bedroom tenant house
Price includes Farm
Machinery, call for
details and an ap-
pointment, Chester
County \$600,600

**HOSTETTER
Realty**
Box 2023 A • Gap, PA 17527
442-4114 & 687-8286



**new
pennsylvania
realty, inc.**

Rt 1, Box 123
New Ringgold, PA 17960
717-386-5000

Schuylkill
Office
215-398-2559

"For unto you is born this day
in the city of David, a Savior
which is Christ the Lord."

Luke 2:11

Wise Men Still Seek Him!

All our farm agents own and operate
their own farm.



GARY COLES - FARM & LAND BROKER

PENNA FARMS CUMBERLAND CO.

87 acre dairy, 28 tie stall barn w/40x40 addition,
large heifer barn, silo, pole building 40x66, road
frontage 3 bedroom frame dwelling, a good starter
farm

127 acre general, 102 crop acres, bank barn,
frame dwelling, needs repaired PRICE ADJUSTED
\$109,900

FRANKLIN COUNTY

130 acre dairy, limestone soil, 38 stanchions,
pipeline milkers, 1000 gal bulk tank, (2) 40x70
pole barns, barn hay elevator, 2 bale conveyors, 2
large corn cribs, stable cleaner, 3 bedroom stone
dwelling, road frontage, 40 adjoining acres
available

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

SHEETZ REAL ESTATE RAY N. WILEY INC.

323 W. Main St.
Mount Joy, PA

CALL 653-1481

FARM LISTINGS NEEDED

Farm Salesman - Eugene Kreider

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND & CABINS

We presently have one of the largest
selections of farms, farmettes, land and
cabins available in central Pennsylvania.
We have over 50 exclusive listings.

Our Farm and Land Department would
be happy to mail a free, detailed farm and
farmette list or land and cabin list to you.

See the December 10 and January 7
issues for a complete farm inventory.

FARM AND LAND DEPARTMENT

Fred Strauss (814) 364-1795
Don Myers (814) 422-8111
Mel Rockey (814) 466-6688

Louisburg Larry W. Platt (717) 588-8863
Shadyside Richard D. Reed (814) 838-4271
Pottsville Radford Part (814) 688-4194



Frederick J. Kissinger, Realtor
William H. Leonard, Realtor
Ralph F. Brewer, Realtor
245 S. Allen St.,
State College, PA 16801
(814) 234-4000

HORNING FARM AGENCY, INC.

Main St., Morgantown, Pa.

215-286-5183

Titus Snader, Agent

717-437-2714

MONTOUR CO.

35 Acres of FARMLAND. Near
Washingtonville, Pa. 123 Acre Modern
Dairy Farm. 53 Stalls. Danville, Pa.

COLUMBIA CO.

270 Acres. 2 Houses & Farm Buildings.
Good productive land near Bloomsburg,
Pa.

90 Acres. Land & Buildings. Catawissa,
Pa.

NORTHUMBERLAND CO.

**130 acres 1 mile east of Milton, 1/2 mile
west of I-80.** Very productive, water for
irrigation of vegetables, etc

BRADFORD CO.

520 Acres. 350 Tillable. Large Dairy set-
up with 84 Tie Stalls.

For more information and for additional
listings call Titus Snader, Agent @ 717-
437-2714.

REAL ESTATE

Franklin Co. Farms

268 acres modern
dairy w/double 6
parlor, 210 free stalls

157 acres dairy, 36 tie
stall barn & loafing
barn, \$157,000

105 acres general
farm w/lovely home,
make offer

95 acres grain farm,
excellent land,
modernized brick
home

Also 100 acres of open
land near Gettysburg
w/70 acres tillable.

VanCleve Real Estate
Phone: 717-392-3032
anytime

**205 acres near
Boalsburg, Centre
County, 155 acres high
fertility crop land, 20
acres established alfalfa,
frontage on State Route
45, 10 room 2100 sq. ft.
brick residence, two
story bank barn with
attached loafing shed,
new 22x48 metal frame
machine shed, new
20x60 concrete stove
silo with 60 foot
automatic bunk feeder.
Present use beef,
complete outbuildings
all in good condition.
Attractive setting with
beautiful view in all
directions. Asking price
\$450,000.00. Available
Financing. REAL
ESTATE CENTRE, 814-
237-1150, Miles
Clevenstine, realtor,
farm representative,
814-383-2755.**

REAL ESTATE

CENTRE

2212 NORTH ATHERTON ST
STATE COLLEGE, PA 16801

WANTED

Farm in Honeybrook
Elverson Area

NORTHUMBERLAND CO. Dornsife, Pa.

Nice 3 bedroom house,
dishwasher, electric
range, more than
14,000 sq ft chicken
house, 1st floor con-
crete, ideal for pigs or
steers, elevator, heating
system in part, frame
bank barn, work shop
with daylight basement,
2 car garage on 2 acres
East of Dornsife Rt 225

S. LYCOMING CO.

213 ac dairy farm, 130
ac tillable, 62 stanchions,
space for 65 more, 133
freestalls, liquid manure
pit, 3 lg silos, 4 wagon
sheds, stock and eq can
be bought Will sell owner
financing

MANHEIM

Lancaster Co.

60 ac general farm, 8
ac pasture w/stream,
stripping room & cellar

NITTANY VALLEY AMISH AREA

112 acres general farm,
limestone, 60 acres
farmed, more can be
farmed, 28 acres pasture,
owner financing,
\$165,000

**Donald R. Witwer,
Broker**
Ephrata, PA
717-738-1458

May the prince of peace bring
happiness to your hearts
today and throughout the
new year.



Sanford G. Leaman
Realtor/Auctioneer
101 White Oak Drive
Lancaster, Pa. 17601
717-569-4264



**FROM ALL
OF US AT
PAUL M. LONGACRE
REAL ESTATE -**

**MERRY CHRISTMAS
and
A HAPPY AND
PROSPEROUS NEW YEAR**



CHRISTMAS IS

A special time as
we celebrate the
glory of Christ's
birth, and the
hope and faith he
brought to all
mankind.
May the joy and
peace of this holy
holiday abide
with you and
your families

now and throughout the year.

In deepest appreciation of your friend-
ship and trust we wish you all a

JOYOUS YULETIDE SEASON!

See Dec. 17 ad for real
estate listing



KINGSWAY REALTY

REALTORS
1770 Oregon Pike
Lancaster

Phone: 717-569-8701
or Ephrata 717-733-3344



FARM FOR SALE

232 Acres, 180 tillable. Honeoye Lima Loam, tiled and ditched. Attractive wooded area. 4 Grain Bins. Shop/Equipment Shed. Butler Building 40'x50', single story, 16' height. One metal barn, one wood barn. Two-story Colonial Home on large, level lawn; mature trees, well landscaped. 3-4 Bedrooms, modern Kitchen. Near Auburn, NY. For information on financing, or appointment, contact Bernice Pease, Broker, Nothnagle (Lakeville) Gallery of Homes Realtors, 5 Conesus Lake Blvd., Lakeville, NY, 14480. Phone: 716-346-2332. Residence, 716-346-3003.

FARM AVAILABLE NOW

120 acres, 20 mile from Carlisle, nice level fields, several ponds and stream for irrigating, large bank barn and house with all improvements, large mobile home on property, owner will offer financing. Call 717-249-1165 after 5 PM



Holiday Greetings

As the festivities get under way, it is our pleasure to say, "Thanks for the goodwill you have shown us." Merry Christmas.

WIMPLE REALTORS

REAL ESTATE

REAL ESTATE

REAL ESTATE

FOR RENT

290 Acres M/L
Limestoen Soil
Near Carlisle, PA

717-249-2300

Grain Storage
& Drying
Available

NEW YORK STATE DAIRY FARM

350 acre picture book setting dairy farm. Barn has 66 stanchions on pipeline, 28 heifer and dry cow stalls, room for over 100 head. Brand new 1000 gallon tank, 3 unloading silos, large machinery shed, beautiful ranch house and very nice second home. A one of a kind dairy farm. \$250,000. Shown by appointment

MEL MANASSE
Licensed Real Estate Broker
Whitney Point, NY
607-692-4540

GETTYSBURG AREA FARMS

158.5 ACRE FARM - Mostly tillable, with off road location. Combination old and new house, 40x64 Agway building, outbuildings, pond, good-producing land. Call for location and details. \$225,000 (#11432)

BEAUTIFUL & QUIET SETTING ON 14 ACRES - Remodeled barn, corn crib, summer house and stream. A 4 bedroom frame house featuring dining room, living room, kitchen with stove and refrigerator, wood stove. \$79,500 (#11503)

130 ACRE FARM - With two pre-Civil War houses, large barn, 2 car garage, and several outbuildings. Good farm land. Owner will sub-divide. \$255,000 (#9808)



MARSHALL L. MILLER, INC.
REAL ESTATE
717-334-6283 or
Outside of Adams Co.
Call 1-800-443-2781,
Ext. C-53

FOR RENT

710 acre Prime York
County Farm land.

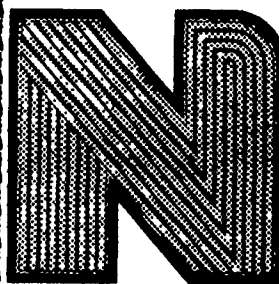
Lease all or part - 50 to 200 acre tracks. Best offer, over \$100 per acre with January 1, 1984 payment. Interested party Reply to Lancaster Farming, P.O. Box 366, L-06, Lititz, PA 17543.

Seasons Greetings

To ALL Of You - From All Of Us

Isaiah 9:6 - For unto us a child is born, unto us a son is given: and the government shall be upon his shoulder: and his name shall be called Wonderful, Counsellor, The mighty God, The everlasting Father, The Prince of Peace.

With Joy We Anticipate
His Soon Return
As "King" of Kings



JOHN B. NIESLEY
REAL ESTATE

32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4512
STEVE E. ORRIS - 717-789-3368 or 789-4177

SOUTHERN NORTHUMBERLAND CO. & SURROUNDING COUNTIES

70 acre farm, 60 tillable, home and barns, nice setting, Halifax, \$110,000. Call Peter.

150 acre, 115 acres tillable, 200 steer feed lot, silo, 10,000 bushel grain storage, 125x30 machine shed, 2 nice homes, \$199,000. Call Peter.

70 acre, new 100' modern hog setup, 50' Harvestore, large machine shed, large bank barn, 30,000 bushel grain storage. \$65,000 home. Appraised for over \$250,000. Sale \$129,000. Call Peter.

102 acre farm, 65 tillable, 4 bedroom home, barn, pond, stream, \$139,000. Call Peter.

60 acre farm, lg. home, wood or oil heat, bank barn, small orchard, \$69,000. Owner wants to sell, make offer. Call Peter.

137 acres, new horse stable, butcher shop & machine shed, large bank barn set up for sheep, pasture w/pond, 60 tillable, \$150,000. Call Peter.

600 acre farm, 400 tillable, large grain setup, \$850,000. Call Peter.

400 acre farm, beef & broilers, 390 tillable, \$800,000. Call Peter.

400 acre grain and vegetable farm, large quantity of water for irrigation, new barns, extra nice home, 220 tillable, large quantity of low rent ground available, \$500,000. Call Peter.

50 acres of farm and woodland, stream, \$39,000. Can be bought with no money down. Call Peter.

PETER B.

CORTELYOU

Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177

Ralph Deibler, Salesman
717-692-2587
Ralph has country homes and taverns.

NORTHUMBERLAND COUNTY

F2-3-500 R D #1, Paxinos Beef or General farm Total 116 acres with minimum 100 acres tillable. Soils in top condition and good producers. All buildings have been completely renovated or have been erected since 1979. 2 story/2 family, brick farm house also completely remodeled, excellent quality and tastefully decorated. Attractive setting with good access. Call for additional information.

F2-3-501 R D #3, Sunbury - Beef or general farm, 63 acres approx 50/55 acres tillable with remaining in fenced pasture. Bank barn and other buildings in excellent condition. Super B" grain dryer with 2500 Bu wet/900 Bu dry holding bins. Dump pit, grain elevator, 90' leg w/cleaner. Total 63,000 Bu storage capacity. Additional information available.

L2-508 Shamokin Township farm 85 acres total 40/45 tillable & pasture with remaining woodland 8 to 10 acre tract never timbered. 7 room, 4 Br house open for your decorating ideas. Bank barn and equipment shed in fair condition. 7 1/2 miles from Sunbury, priced at \$95,000.

L1-525 R D #2, North'd 139 acres with approx half tillable, 400' frontage on hard surface road. Possibility of return on investment with sale of attractive building sites. Owner will consider assisting in financing. Priced under \$850 per acre.

COLUMBIA COUNTY

L2-3-504 118 acres - 70 acres tillable and 48 acres woodland. Excellent access within 5 miles to Interstate 80 on Route #44 at Buckhorn exit. Property divided by township road and owner would consider separate sales. Priced at below present area sales per acre.



BOWEN AGENCY, INC.
22 N. Market St.
Selinsgrove, PA 17870
(717) 374-2165

Art Bowen
743-7556

Dale Heim
473-3341

Dave Herbst
374-0257

WISHING A

Merry Christmas

TO ALL...



FROM YOUR FARM AGENTS
AT



RICH BRANDT REALTORS
2230 5th St Highway, Reading, PA 19605
(717) 274-3622 — OFFICE — (215) 378-1122



GREAT THINGS ARE HAPPENING IN POWL COUNTRY

Merry Christmas and Happy New Year



*from the
Powl Country People*

Products and answers that work.

WAYNE



WE WON'T ASK FOR YOUR BUSINESS
UNLESS WE CAN HELP
IMPROVE IT

POWL'S FEED SERVICE, INC.

Peach Bottom, PA

Phone 717-548-2376

ATTENTION POULTRYMEN

SUBJECT: AVIAN FLU

Hershey Equipment has available special pricing for poultry farmers within the quarantine zone. Many of our large suppliers were concerned about the poultry industry in Central Pennsylvania and have offered us special pricing. If you are now in the "clean-up" process please tell us this when you order parts so you can get the full advantage of the special pricing offered by us and our concerned suppliers.

SPECIAL NOTICE

The following sign is posted on our door



STOP



*DUE TO THE RECENT EPIDEMIC OF
AVIAN INFLUENZA
PLEASE LEAVE ALL THOROUGHLY
WASHED PARTS FOR REPAIR
OUTSIDE WAREHOUSE DOOR
THANK YOU!*

Please obey! When coming to our warehouse, please come washed and in clean clothes. Also, please wash any parts you bring. This is for everyone's protection!



**HERSHEY EQUIPMENT
COMPANY, INC.**

SYCAMORE IND. PARK
255 PLANE TREE DRIVE
LANCASTER, PA. 17603
(717) 393-5807

Route 30 West
at the
Centerville Exit.

Designers of Quality Systems for Poultry, Swine and Grain Handling



Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

The Milk Program

I will let others write about the program itself. My interest is which alternative will be the most profitable for you? Actually it would take a main frame computer program to sort out all of the alternatives with their many ramifications. The main alternatives could fit into 3 categories. 1. Stay as you are: 2. Decrease production: 3. Increase production.

Which One

I developed a program on my old "Apple" that compares several alternatives as to profitability. Category 1: (a) present production level with no change in per cow production, (b) present total production level with a 10% increase in per cow production. Category 2: (a) decrease total production by 30%, 20%, 10%, and 5% but hold per cow production constant, (b) decrease total production and per cow production

by 5% and 10%, (c) decrease total production by 10% and 20% but increase per cow and total production by 5% and 10%. Category 3: (a) increase per cow and total production by 5% and 10%, (b) increase total production by 5% and 10% and keep per cow production constant.

The results from the 15 month contract period may look better than they are if the future is considered. For this reason, I have built into the program another feature called what happens in the 12 months following the 15 month contract period.

The Next 12

The answers you have to 3 basic questions will be critical as to the results of the next 12 months. Question 1: are you presently on a base building program? Question 2: what are your intentions after the 15 month period is over? Question 3: if you intend to expand how will you do it?

Actually I have simplified things for you. For question 1, you answer either yes or no. For Question 2, you can expand beyond pre 1984 level, expand to pre 1984 level, expand part way, stay at contract level. For question 3, your choices are buy cows, raise heifers, a combination.

The Input Form

The input form for the program comes with an instruction sheet. One of the things that was upper most in my mind while I built this program was "how can I keep the input form simple so that every dairyman could fill it out?" You will need your cash expenses, debt payment, base period milk production, present period milk production, number of cows, and size of cows. This is basic. There are a few other items that you can put on the input sheet that will personalize results a little more such as price of feed, price of hay, milk to grain ratio and cull cow price.

My Program?

Many of the county agents in the state now have my program ready to run. You may want to contract them before going further.

In addition, I will be running programs for interested dairyman. There will be a charge of 5 to 10 dollars depending on the number of solutions you desire. Each solution will compare the 14 alternatives, but under different circumstances.

For example: you may want to see if expansion after the 15 months is more or less profitable than staying at the contract level or if buying cows or raising heifers is the best for you? That would be 4 solutions and cost 9 dollars. Clear

enough? To get an input form and instructions write or call the Mifflin County Extension Office and ask my secretaries for "Milk Program Input Form" (phone 717-248-9618) (address: 20 North Wayne Street, Lewistown, PA 17044).

Franklin ASC elects

CHAMBERSBURG — D. Merle Baughman, County Executive Director of the Franklin County ASCS Office, Chambersburg, has announced the results of the Franklin County ASC Convention which was held last week at the ASCS Office.

R. Gene Stoner, 8145 Oellig Rd., Mercersburg, was elected chairman. Stoner is a partner in Stoners Hijos Hill Inc. and the corporation operates a dairy and swine operation. Walter W. Grove, a dairyman from 115 Clearfield Rd., Shippensburg, was elected vice chairman. J. Thomas Shook, grain farmer from 10288 Grant Shook Rd., Greencastle, will serve as regular member. Also elected as first alternate was Carl Pugh, 2355 Wayne Rd., Chambersburg; and Carl Stuff, 7311 Renninger Rd., Mercersburg, was elected as second alternate.

The terms of office for newly elected committeemen begin as of Jan. 1.

The County Committee is in charge of local administration of Federal Farm Programs. The U.S. Department of Agriculture is responsible for program activities and the department works with the locally elected farmers and county office employees to carry out the details of the programs.

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

LANCASTER SILO CO., INC.

2008 HORSESHOE ROAD - LANCASTER, PA 17601

WE MANUFACTURE & CONSTRUCT

"LANCASTER" CONCRETE STAVE SILOS
ROOF: ALUMINIZED OR COLOR
CHUTE: ALUMINIZED OR STAVE
DOORS: HINGED REDWOOD
STEEL RODS: DICROMATE FINISH
PLASTER INTERIOR FINISH
STAVES: WHITE, VIBRATED
DISTRIBUTOR & FILL PIPE

SILO UNLOADERS

SUPREME SS TURBO
RING DRIVE
VAN DALE MAGNUM
SURFACE DRIVE
RECONDITIONED UNLOADERS

WE MANUFACTURE, INSTALL & SERVICE

"LANCASTER" BELT FEEDER UNITS
"LANCASTER" DOUBLE CHAIN CONVEYORS
"LANCASTER" TAPER-BOARD FEEDERS
"LANCASTER" ROUND HAY FEEDERS
"LANCASTER" WATER BOWLS W/FLOAT
"LANCASTER" FIBERGLAS SILAGE CARTS
"LANCASTER" TOBACCO BALE BOXES
"LANCASTER" STEEL GATES W/LATCH

End Of Year "SALE"

WATER BOWLS (In Stock)

RENSON WATER BOWLS - ALL PLASTIC	LIST \$24.00 SALE \$19.50
JADE-VENT GALV. BOWL - BUTTON VALVE	LIST \$22.00 SALE \$18.00
JADE-VENT CAST BOWL - BUTTON VALVE	LIST \$34.00 SALE \$24.00
SHOW-EASE CAST BOWL - ALL CAST BOWL	LIST \$27.00 SALE \$24.00

ALL "STARLINE" PARTS IN OUR INVENTORY
15% CASH & CARRY DISCOUNT

TILE — 4"x4" ASS'T COLORS
"CLEARANCE SALE"
12½ Sq. Ft. Per Box - (100 Left)
List Price \$8.75 Per Box
Sale... \$6.75 Per Box

STOP IN OUR PARTS DEPT.
ALL KIND OF TOOLS!!!

"SPECIAL" CLEARANCE SALE

30 BU.
SILAGE CART



"ONLY" 10 UNITS IN STOCK

\$150.00 Less 10% - Cash & Carry

PARTS & SERVICE FOR VAN DALE
SUPREME & STARLINE SILO UNLOADERS

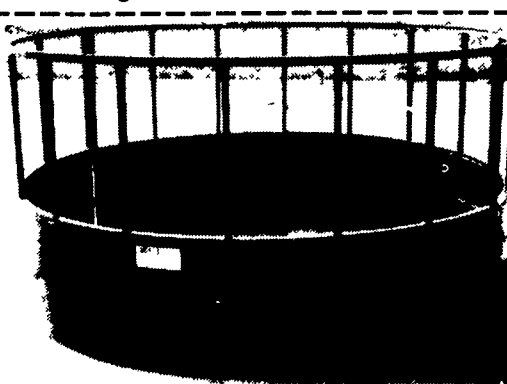
FOR QUOTATIONS - CALL 717-299-3721
WAYNE LLOYD - SALES
LARRY HIESTAND - OFFICE

LANCASTER SILO CO. WILL BE CLOSED MONDAY, DEC. 26

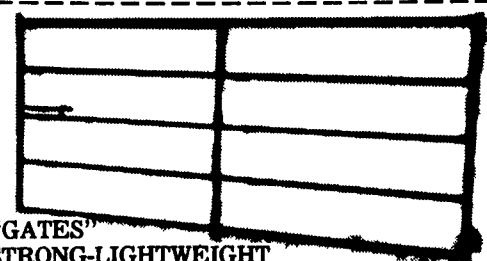
"NEW" FIBERGLAS FEED & SILAGE CARTS



15 Bu. Feed Cart (above)	\$220.00
15 Bu. Feed Cart w/Lid	\$240.00
30 Bu. Silage Cart	\$260.00



ROUND HAY RACKS - 2 PIECE
18 Openings - Can use for Regular
or Large Bale \$149.00



"GATES" STRONG-LIGHTWEIGHT 15/8" TUBING-PAINTED Gates w/Latch & Hinge	
8 ft.	ea. \$55.00
10 ft.	ea. \$60.00
12 ft.	ea. \$65.00
14 ft.	ea. \$70.00
16 ft.	ea. \$75.00

10% CASH DISCOUNT ON ABOVE ITEMS

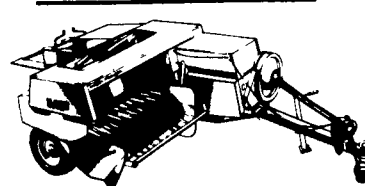
FARM EQUIPMENT

FARM EQUIPMENT



Holiday Greetings

INVENTORY REDUCTION



MF 200 SERIES RECTANGULAR BALERS

Your choice of money-saving MF financing options

- Get low 9.9% APR financing PLUS \$300 Massey Rebate...
- OR choose waiver of finance charges until July 1, 1984 PLUS receive a \$300 Rebate from Massey
- OR get a \$700 Massey Rebate without MF financing

NEW EQUIPMENT IN STOCK

MF 220 baler	MF 1144 corn head
MF 224 baler	MF 1163 corn head
MF 212 bale thrower	
MF 860 diesel combine, hydro	

USED EQUIPMENT

MF 510 combine	MF 410 combine w/4 row corn head
MF 760 combine w/6 row corn head & 16' grain table	MF 2675 diesel tractor
MF 750 combine w/63C corn head & 14' grain table	MF 285 diesel tractor

WE HAVE TOYS FOR CHRISTMAS

Early Order Twine 9000 & 10,000 Sisal \$16 per bale

Renting skid steer loaders.

Radio Dispatched Service

ABRACZINSKAS
Farm Equipment, Inc.

RD1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

FARM EQUIPMENT

USED EQUIPMENT

NI 5 Wheel rake
Taylor-Way 14' Disc
NH #518 Manure
Spreader
NI 10 Ton Spreader
Ford #535 Mower Cond
NH 358 Grinder Mixer
w/scales like new
IH 1150 Grinder Mixer
w/scales like new
14' Cultimulcher, Lake
new

USED TRACTORS

ACD14
AC 7060, low hrs.
AC 5050

Oliver Super 55 Tractor
Ford 860
Case 2290, like new
Used Lawn & Garden
Tractors w/mowers

NEW EQUIPMENT
AT USED PRICES
Many Models
New Holland
Spreaders

NEW EQUIPMENT
18'6" Amco Disc, \$9800.
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators
formerly N.H.
Gleaner Combines

NEW HOLLAND
MANURE
SPREADERS

FULL LINE OF
AC TRACTORS
INCLUDING
THE NEW 8000 SERIES
CALL FOR DISCOUNT
PRICES.

FREE PICK UP &
DELIVERY ON
MAJOR SERVICE
WORK PERFORMED
NOW THROUGH
JANUARY 31, 1984.

ALSO 10% OFF ON
PARTS USED ON
THESE REPAIRS

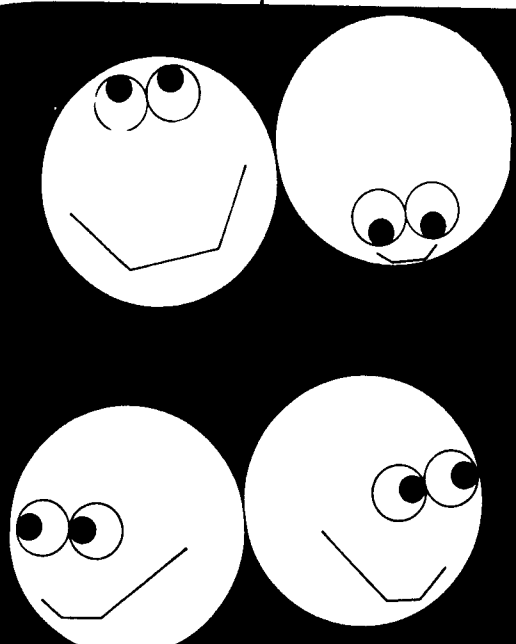
Happiest



of Holidays

You've been a joy
to know and serve.

BHM FARM
EQUIPMENT INC.
RD1, Annville, PA
717-867-2211



DON'T LOOK ANY FURTHER!
YOU'LL FIND IT IN
LANCASTER FARMING'S
CLASSIFIEDS

LOCAL CLASSIFIED ADVERTISING RATES

20c per word
2.40 minimum charge

Use This Handy Chart To
Figure Your Cost

Words	1 Issue	3 Issues
12 or less	2 40	5 76
13	2 60	6 24
14	2 80	6 72
15	3 00	7 20
16	3 20	7 68
17	3 40	8 16
18	3 60	8 64
19	3 80	9 12
20	4 00	9 60

KEYED ADS (ads with answer coming to a Box Number, c/o Lancaster Farming) 50 cents additional

Ads running 3 or more consecutive times with no change billed at 20 per cent discount

This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

Lancaster Farming
P O Box 366
Lititz, PA 17543
717 394 3047
or Lititz
717 626 1164

The following categories are available for your classified advertising in Section C. Deadline: Thursday morning at 9 of each week's publication

- Farm Equipment
- Silos & Unloaders
- Buildings & Supplies
- Grain Equipment
- Dairy Equipment
- Livestock Equipment & Supplies
- Cattle
- Horses & Mules
- Sheep & Goats
- Swine
- Artificial Breeding
- Hog Equipment & Supplies
- Poultry & Supplies
- Feed & Seed
- Fertilizer
- Plants
- Fruits & Vegetables
- Nursery
- Lawn & Garden
- Services Offered
- Custom Work
- Help Wanted
- Situations Wanted
- Business Opportunity
- Autos
- Recreational Vehicles
- Notice
- Lost
- Found
- Pets
- Household
- Miscellaneous
- Computers

The following categories are available for your classified advertising in Section B. Deadline: Wednesday afternoon at 5 of each week's publication.

- Real Estate
- Trucks & Trailers



NEW EQUIPMENT

JD 950 Tractor
JD 2040 Tractor
JD 714 Forage Boxes
JD 1075 Running Gears
JD 1209 Mower Conditioner
Hesston 1014 Hyd Swing Conditioner
JD 1710 Mulch Tiller
Bush Hog 1432 10 1/2' Disc

USED EQUIPMENT

ACC & WC Tractors
Farmall MD, Super M Tractors
JD B Tractor
JD 520 Tractor
JD 720 Tractor
JD 3010 RCU Tractor
Farmall Cub w/outfit
Cub Frt. Mtd. Blade
JD 494A Planter
IHC 315 Mulch Packer
IHC 540, 550 4B Plows
JD F125 6B Plow
Ferguson 2B Plow
JD AW Disc 12'
Woods Cadet 60 Pull Type Mower
JD 507 Cutter
MF 41 Sickle Bar 3 pt. Mower
Mayrath 40' Elevator
NI Hay Rakes on steel
Myers Snowblade
Valk ST80 Snowblade

USED COMBINES

JD 95 w/platform
JD 434 corn hd.
AC C2 w/platform
AC 4R corn hd.
JD 45 w/platform
Plus other new and used equipment

Call For Details.
MILLER'S SALES & SERVICE INC.

West Penna. Ave.
on Highway 851
Stewartstown, Pa.
717-993-2470
or 993-2732



Let the spirit
of brotherly love
embrace you & yours

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046



USED EQUIPMENT

COMING NEXT WEEK

JD 4430, Cab & Air, QR, 2300 hrs. new in Sept. 1977
JD 4020, Side Console, Diesel
JD 158 Loader
IH 2350 Loader

AC 8050 w/Cab & Air, 275 hrs.
Farmall 966 No Cab
Farmall 826 Diesel, recently overhauled
Farmall 806 Diesel
Farmall 706 Gas w/291 engine & new TA
IH 1086 w/cab & air
JD 4(SOLD):sel
Case 500 Dsl. for belt power
Case 1030 w/excellent cab, would sell cab separate
Massey 1100 Dsl. Wheatland, no 3 pt. hitch
JD 4400 Gas Combine, 500 hrs. Excellent
Gleaner Model M Diesel Combine w/2 heads Front wheel drive attach. for later IH Tractors
Uni 704 37 Husker, 740 Throat & 84" Corn Head
Uni 705 Diesel w/740 Throat & 84" Corn Head
NI Snow Blower for Uni Tractor
Sickle Bar Direct-Cut Head for John Deere Forage Harvester

RAYMOND B. LEAMAN

Willow Street RD 1
Ph: Lancaster 717-464-2778

Midway between Lancaster & Quarryville
off Rt. 222 take Brenneeman Road
at Graybill Bros. Garage, Refton.

FARM EQUIPMENT

JD 3020 Diesel, wide front, dual hyd., 814-793-4293.

Oliver 1850 diesel, dual hyd., wide front, 814-793-4293.

Oliver 1950T cab and air, dual hyd., original paint, 814-793-4293.

Looking For
THE UNUSUAL?
Find It
In The
CLASSIFIEDS.



SPERRY-NEW HOLLAND

TRACTORS

Ford TW10, 1200 hrs. no cab
Ford TW10, Cab, Air, 500 hrs.
Ford TW20, 500 hrs.
Ford 8000
Ford 8000 w/Cab
Ford 1500 w/Ag-Tech Loader, 306 hrs.

Ford 8N
Ford 600
Ford 5000 w/602 Picker
Ford 555 Tractor Loader, 300 hr. cab with counter weights
(2) Ford 555 Tractor/Loader/Backhoe, 800 hrs. 14' hoe, 170 hrs. 18' hoe, both with cabs

Ford 750 Tractor/Loader/Backhoe, cab
Ford 3400 Tractor/Loader 3 pt. hitch, PTO

Ford 4400 Tractor/Loader 3 pt. hitch, PTO

IH TD8 Series E Dozer, hyd. tilt and hyd. angle.

Ford 535 Tractor/Loader/Backhoe
Ford 4500 Backhoe Loader

Case DC
AC WD w/mid mount mower

AC D17
900 SOS Diesel
900 SOS Gas
OMC Skid Loader

(7) Ford 1000 Series
Left Over Diesel
Tractors

EQUIPMENT

IH 315 Combine 3 R Narrow Head & 11' Grain Head
IH 830 Fg. harvester, Corn & Hay Heads
JD 20' Harrow on wheels

IH #14 Rake
NH #258 Rake
NI & Farmhand Wheel Rakes

NI #270 Cut/ditioner
Bearcat #72 Flail Chopper

IH #27 Baler w/#10 Thrower

NH 1010 Bale Wagon
Lanco 14' Fg. Wagon 3 btr. Running gear & box.

Ford 9 tooth Soil Saver
NH 518 sgl. btr. spreader

Lawn & Garden Tractors w/Mowers & Snow Blowers

CHARLES S. SNYDER INC.

RD3 Tamaqua, PA 18252

Phone: 717-386-5945

Seasons Greetings

Ford 8 3/4% interest	Kubota 10 5% interest	Cub Cadet, Buy Now, No payment till March 15, 1984
----------------------------	-----------------------------	---

Rent

Lely 3 shank subsoiler and
Moore no-till drill \$8 an acre

USED TRACTORS

JD 4510 w/Loader (has 4020 engine w/100 hrs., w/246A loader); JD 4020; JD A w/2 row picker; JD 2510, Kubota 345 DT w/loader, Case model 300; Satoh 25 HP 3 pt. hitch; Farmall H, Cub w/blade, IHC 340 w/loader, 9600; 5000, 5610 4 wheel drive diesel, 4610, 4600 w/cab, 7710; 4000; 3400, 3000, 2110, 8N; 9N, Fordson Major, Kubota 7100 DT, IH 140, Cub Lo-Boy 154

INDUSTRIAL EQUIPMENT

Ford TL340, Ford TLB 445 w/extendible hoe, 1-new general 9 ton trailers, New 555 TLB, Ford TLB 4500, Ford 3610 w/Lincoln welder, Ford 4000 w/forklift; Ford 550 TL; Ford 600 w/forklift; Ford 340 w/loader; New Ford loader CL45 diesel engine; Ford CL40 skid loader; Ford 340 skid loader; Ford CL20 w/low hours; AC crawler HD 5; IHC crawler model T340 w/4-in-1 bucket; 6 ton JD used trailer; MGS trailer for snowmobiles, new; Snowblower for 154 Lo-Boy; 4 used walk behind snowblowers; Hanson 3 pt. snowblower; McKee front mounted snowblower.

CARS & TRUCKS

Louisville 9000 1974 290 Cummins engine, 10 speed Road Ranger transmission, Truck tractor Louisville 8000 1974 3206 Cat engine, paint good, Ford dump truck F600 tires good, Ford 1/2 ton, Chevrolet pickup w/service body, Chevrolet camper w/canopy, sleeps six, refrigerator, gas stove and gas heater

LAWN & GARDEN

Gravely w/snowblower, IHC 125, 147, 60 Cadet, Ford 165 and 110; Suzue 4 wheel drive w/mower, 14 HP Wheel Horse w/mower and blade, Wheel Horse w/blade & cab

We Have Ford Toys
Available For Shipment
Call Us For A Catalog

Kerosene Heaters Reduced

STRALEY FARM SUPPLY

Dover, Pa. 17315

Farm - Industrial Equipment
Sale & Service

Ford, IHC, Kubota, Woods,

Bush Hog, Danuser, Little Giant

717-292-4443



USED EQUIPMENT

TRACTORS

JD 4240 w/SG Body, 530 hrs. \$28,000
IH 1086 w/cab, 1180 hrs. \$18,500
IH 1066 w/cab \$10,900
IH 656D, reconditioned \$6,900
MF 1085 \$7,900
MF 1080 \$5,900
JD 950 D/6' mower, 450 hrs. \$6,900
JD 950 D/75 Loader, 155 hrs. \$7,500
IH 350 Utility w/2000 Loader. \$3,500
Ford Jubilee w/loader and plow \$3,500
JD A \$1,100

COMBINES

82 JD Sidehill w/15' Flex Head \$69,000
78 MF 750 w/Heads \$28,000
78 JD Sidehill \$40,000
68 JD 45 \$5,000

PLANTERS

JD 6R Conv. w/Dry Fert, 2 yrs. old \$9,000
JD 4R Max-Emerge. \$5,900
MF 468 4R and 6R Planters. \$1,000
(3) 2 Row JD Planters \$300 and up
IH 4R 456 Planter \$1,200
JD 1240 \$1,800
JD 1460 6 Row \$3,500
JD 8350 21x7 DD Drill, new Discs. \$4,500

TILLAGE

JD 950 12' Roller Harrow. \$2,700
JD 1450 5x16 Plow. \$2,900
Pittsburg 14' Disc. \$1,900
Pittsburg 12' 3 pt. Harrow. \$590
Ford 6' 3 pt. Disc. \$750

HARVESTING

IH 650 Harvester w/3 heads \$2,100
JD 3800 Harvester w/3 heads \$5,500
NH 770 Harvester w/2 heads \$3,500
NH 36 Chopper \$1,500
JD 1209 Mower/Conditioner \$3,500
JD 716 Forage Wagons \$4,000
JD 750 Grinder-Mixer w/scales \$4,500

Merry Christmas

Many special thanks go out to all our loyal patrons! Have a happy!

TOBIAS EQUIPMENT CO., INC.

Halifax, PA 17032

Phone: 717-362-3132



FARM EQUIPMENT

For Sale - 325 bu. N.I. Spreader, hyd. tailgate, top beater, pan, new web 1 yr. ago \$2950. Snyder Co. 717-374-8750.

3300 JD combine, like new, 427 hours; JD 38 harvester w/pickup. Good condition, 814-926-3669.

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw in hub which has the ability to tighten up on new or worn crank shafts. Also available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn. 37699, 615-753-5738 day or night.

For Sale - 1980 AC gleaner, L2 corn plus, 400 hrs. on separator, 6 row narrow corn and 15' grain head, excell. cond., covered storage, \$59,000, Warren Co., 201-479-4917.

Wanted - Caterpillar blade and hydraulic setup for 7UD4. 814-793-4293.

JD 3010 diesel. 814-793-4293.

David Brown 1200 Diesel w/loader, 814-793-4293.

JD 730 diesel, electric start, wide front, 3 pt. hitch, 814-793-4293.

FARM EQUIPMENT

Crawler Tractor Parts.

New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others.

Rubber tired construction equipment parts available for Hough, Michigan, Gallon and Cat Road Graders.

Call or write for equipment & parts brochure.

VILSMEIER EQUIPMENT INC.

Route 309
Montgomeryville, PA., 18936
Phone: 215-699-3533

Knight model 500 spreader, in excellent cond., 717-872-9152 daytime, 872-2579 evenings and weekends.

Hillside 6600 hydrostatic combine in excellent condition, \$20,000. Larry Stalter "The Combine Man" 219-862-2151.

JD 4230 4 post roll guard, dual hyd., 2000 hours, 814-793-4293.

Oliver 1600 diesel, wide front, 3 pt., 814-793-4293.

JD 4010 diesel, wide front, excell. cond., 814-793-4293.

Chisholm - Ryder snap bean harvesters, all machines complete w/hyd. dump boxes, recond. and painted, 609-769-3183.

JD 60 new rubber, very good condition, \$2000. 215-356-5305.

For Sale - 1956 Hough 4 wheel loader, model HO22A, \$6,800. Myers 500 gallon double blast ag sprayer, mounted on Reo 6x6 army truck, \$8,500. 34' Fruehauf self-contained live bottom trailer, \$1,900. 2 Smitley range feeders, 4 ton capacity, one good \$400, 717-473-3031 8-5 PM 717-473-3852 evenings.

For Sale - Hesston 12' Hydro swing haybine, good cond., 215-944-0791.

6600 John Deere Hillside combine, excellent condition, \$17,500. 219-862-2151.

USED TRACTOR PARTS, also rebuilt clutches and torques. We ship UPS. Hill-T Farm Sales & Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346. 513-548-0718.

Wanted - burned, rolled or fire damaged combines and tractors. Prefer JD, 1970 or newer. Will pay cash. For offer call 215-756-4341.

Pollard 5 Wheel Rake, \$450; Case 3B Plow \$350; 5' rotary mower (demo) \$525; MF 2B 16" Plow \$325; All equipment is in good to excellent shape. 717-687-0102 Lancaster Co.

Oliver 1750 diesel, like new condition. 814-793-4293.

JD 4230 w/JD rollguard cab, quad range, dual outlets, 1100 hours. 814-793-4293.

JD 4020 power shift, dual hydraulics. 814-793-4293.

IHC 966 w/cab, excellent condition, low hours. 814-793-4293.

Hopper type pick-up truck cinder spreader. DENNIS M. MILLER Rt. 22 Grantville, PA 717-833-1888 anytime 717-469-0937 daily

MF 1080 diesel, wide front, multi-power, dual hydraulics. 814-793-4293.

Minneapolis Moline G900 diesel, original paint, like new. 814-793-4293.

MF 65 diesel, 3 pt. hitch, wide front. 814-793-4293.

For Sale - JD 4620 Tractor, excellent condition. 717-284-2761.

G-1000 M/M very good condition, Case 800 3 pt. hitch w/PS. 301-833-1847.

Farmers & Dealers - Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164

Combine, Harvester and Corn Head Parts For Sale off used machines. Wenger's. 717-866-2135.

IH 1066 black stripe, dual hydraulics, both shafts, and duals, \$9500, 609-455-3462 or 609-769-4025.

MF 275 Diesel, 38" rubber, good condition, \$6500, 609-455-3462 or 609-769-4025.

JD 4440 sound guard, cab, 8.4x38 tires, quad range, dual remote and quick coupler, 1400 hours, 609-455-3462 or 609-769-4025.

8900 White combine, 15' quick cut head, 4 row wide corn head, 530 hours, 4 wheel drive assist, 609-455-3462 or 609-769-4025.

AC 190 XT 18.4x34 tires, 3000 hours, good condition, \$5900, call 609-455-3462 or 609-769-4025.

For Sale - International 574 54 H.P. 1300 hrs. \$8700. or Int. 464 42 HP 670 hrs. \$6700 or make offer. Lebanon County. 717-865-5930.

500 E Crawler, like new, \$10,900; International power unit w/clutch, \$375; 900 x 16 tires, \$45; 75 Michigan payload, diesel engine, \$4,200; 55 gal. drums clear varnish, \$100 drum or small lots \$2.00 gallon; small generator, no motor, \$150; 18' Glasspar boat w/115 h.p. motor, 40 hrs. on motor, \$3,900. 717-733-3980.

Farm tires and tubes, fronts, rears and implements, low, low prices, Eddie's Tire Outlet, Willow Street, PA 717-464-5008 or Chambersburg, PA 717-263-0013. Wilmington, DE 302-655-8500.

Used Farm Tractor Parts by the thousands. Wenger's. 717-866-2135.

Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518. 215-385-3884

NH 456 mower, exc. Oliver 387 Sulky plow, exc.

NH & Little Giant corn drag

(3) Nicholson Hay Tedders NH 55 and 56 Hay Rakes NI 751 & 752 Crushers Lely pull type spin spreader

IHC 1007 Trailer Mower AC B125 Power Unit TOM WHEARY Lancaster, Pa. 717-687-0102

500 E Crawler, like new, \$10,900; International power unit w/clutch, \$375; 900 x 16 tires, \$45; 2 ton Yale forklift, preamatic tires, \$2,000; 55 gal. drums clear varnish, \$100 drum or small lots \$2.00 gallon, small generator, no motor, \$150; 18' Glasspar boat w/115 h.p. motor, 40 hrs. on motor, \$3,900. 717-733-3980.

For Sale - 1981 TR-75 NH combine lease, 365 hours, 15' floating grain head and 6 row narrow corn head. Excellent condition, negotiable 215-845-2524.

NH 320 wire tied baler, excellent condition, 3 years old, \$5000, call after 6 p.m., 301-758-0601.

JD 48 loader, \$1650, 717-532-7054.

Case 1070 w/cab, air, heater, 1700 hrs. 7 tooth Case soil controller w/McCurdy harrowgater Dion forage wagon, 3 beater w/roof. 12' Brillion cultimulcher. 717-665-6449 Manheim.

JD 4020 Diesel, wide front, good tires, diff. lock, 1967 model, 717-532-7054.

JD cab for sale. Will fit 4020 and 4010. \$300 717-532-8363.

GUNTHER HEUSSMAN INC.

SO. 5TH ST., EMMAUS, PA. 18049

215-965-5203

Call John Bolton or Gunther

GOLD TAG SPECIALS
ON NEW EQUIPMENT

JD 1209 Mower Conditioner \$5800
IH 720 4x18 Sp. Reset Plow \$4800
IH 720 5x18 Sp. Reset Plow \$5400
NH 358 Grinder-Mixer w/folding auger \$6250

COMBINES

1975 JD 4400 Dsl., w/cab, very good choice of heads
1980 NH TR70 cab and air, hydro 3208 cat dsl. 700 hrs., like new w/15' Flex Grain Platform
1979 JD 4400 Diesel, cab and air, 700 hrs., like new
1974 JD 3300 gas w/cab, choice of heads
1977 IH 715 Dsl., Hydro w/cab and air, 550 hrs. 13' grain table, very nice
1978 MF 510D cab & air, very nice, choice of heads
NH 975 Combine, Cab, 13' Quick Tach Platform and Pickup Reel, \$3650.
IH 82 Pull Type Combines like new, cut 200 acres
JD 453A Row Crop Bean Head

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

MISCELLANEOUS EQUIPMENT

Bush Hog SL 70 loader w/7' bucket, Universal mtgng brackets Fahr 17' hay tedder
Case 3 pt. 16' Wing Fold Field Cult.
JD 3 pt. 18' Hydraulic Wing Fold Field Cult.
JD 350 Rake w/rubber mtd. teeth
IH #55 7 tooth chisel plow
Glenco 10 tooth Pull Type Chisel Plow
Brady 7 or 9 tooth 3 pt. Chisel Plow
JD 3 pt. Backhoe, very nice
JD 1700 mulch tiller, 9 or 11 chisels
JD 45 & 55 Quick Tach Feeder Houses, very good
JD Hay Pickup w/Gauge Wheels
MF 43 Corn Head, Late Style
Gehl 99 Blower
JD 1209 Mower Conditioner, (new & used)
JD 1207 Mower Conditioner
Kewanee hydraulic wing fold field cultivator
Servis 12' Rotary Mower
Stan Hoist 4 Row Stalk Shredder
JD cab fits 3010 thru 4020
JD cab to fit 1020, 1520, 2030, or 2630
Year Round Cab to fit AC 175, 180 and ~~SOLD~~ tractors

TRACTORS

JD 4240 Dsl., cab, air, quad, very nice
JD 4230 Dsl., cab, air, quad
JD 4520 Dsl., Very Good
JD 4630 Dsl., cab, air, quad ~~SOLD~~ 75 20x38 Tires, very nice
JD 4030 Dsl. Cab and Air
JD 4430 Dsl., Cab, air, quad, very nice
JD 4430 Dsl., WF, Rops
JD 4230 Dsl. Power Shift, fender tractor, very good
JD 4020 Dsl. WF, Cab, Power Shift, dual Hyd. excellent
JD 4020 Dsl., side console power shift, JD rollguard cab
JD 4010 Dsl WF
JD 3020 Dsl. WF, side console, rebuilt engine, ex. cond.
JD 3020 Gas Row Crop
JD 2940 Dsl w/148 Loader, 1300 hrs., ex. cond.
JD2630 Dsl. WF, Independent PTO
JD 2030 Dsl., independent PTO, very good
JD 2040D Utility
JD 820D 3 cyl. 8 speed
JD 830D, roll guard, cab with heat and air
JD 301 w/loader, 3 pt. hitch, PTO, very good
IH 1086D Cab and Air, 1500 ~~SOLD~~ 20x38 Tires, Very Nice
IH 1066 Dsl. Year Round Cab and Air
IH 1066 Dsl. WF, cab, air, new ~~SOLD~~ TA, excellent

PLOWS

IH 4 & 5 Bottom Semi Mtd.
IH 140 4x16 roll over
White 5x16 semi mtd.
JD 4 & 5 Base Semi Mtd.
PLOWS -AUTOMATIC
IH 720 5x18 sp. reset
IH 710 6x16 Spr. Reset
IH 710 4x16 Spr. Reset
JD 2500 5x18 Sp. Reset

GRINDER-MIXERS

NH 400, very nice
NH 358 w/folding auger new, priced right)
Brady 950 hydra drive
Gehl 65, excellent

IH 1466 Dsl. Cab, Air, Very Nice

IH 1450 ~~SOLD~~ WF, dual hyd.

IH 1206 Dsl WF

IH 806 Dsl., wide front

IH 966 Dsl. w/cab, very nice

IH 686 Dsl WF

IH 856 Dsl. WF 38" rubber, new TA, very good

IH 84 Hydro, 1600 hrs., 1980 model.

IH 766 Dsl. WF, w/cab & air, very nice

IH 656 Gas, 3 pt. hitch

AC 185 Dsl., wide front, nice

AC 7000 Dsl. Power Shift, Cab and Air

AC 200 Dsl. w/cab, excellent

White 2-85 Dsl. WFE

Ford 8600 Dsl., dual power

1975 ~~SOLD~~ 3000 Dsl. w/loader, nice

Ford 7600 Dsl., very good

Ford 6600 Dsl., very good

Case 1030 Dsl., w/cab

Case 1190 Dsl., w/loader (new)

HARVESTERS

JD 3800 w/2RN Head & Long Tongue

JD 38 Flail Chopper, Ex. Condition

NH 890 w/2 RN Head w/long tongue, electric controls, very good

GRAIN DRILLS

JD FBB 15x7 Fert., Grass Seed, DD

JD FBB 17x7 Fert., DD, Power Lift

JD 8300 18x10 Double Disc, liquid fert. and press wheels, like new

BALERS

JD 346 Twine w/thrower, hydraulic bale tension, very good

JD 336 Twine w/thrower, nice

Hesston 5400 Round Baler

JD 336 Wire w/thrower

NH 320 w/thrower, very good

NH 277 w/thrower

NH 276 w/thrower

NH 851 Big Round, auto wrap, like new

DISCS

JD BWF 18' Wing Fold Rockflex

JD BWA 11'6"

JD 2010 12'

JD 4000 Double Offset 12' blade

JD AW 10'-11'6"-13'

All very good

Bush Hog 146 Offset, 11', big blades

Kewanee 18' Hydraulic wing fold, very good

CORN HEADS

AC 430 FG-C11

MF 24, 43, 44

JD 243, 244, 343, 443, 444, 643

IHC 227

CORN PLANTERS

JD 7000 6-Row

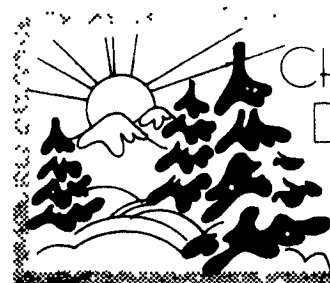
Conservation Dry Fert. Monitor & Insect

JD 7000, 6R liquid fert., w/monitor & insecticide

JD 7000 4RW dry fert, insect., monitor, very good

JD 1240 4-Row plate and plateless w/disc openers, liquid and dry fert. and insect

IH 56 4-Row Dry Fert.

CHRISTMAS
DAWNS

Bringing with it the
promise of love, peace
and joy to the world.

FARM EQUIPMENT

WANTED - JD diesel engine model 4219D. 7:30-5:00 215-262-8800.

For Sale - 1982 International tractor, 530 hours, \$5288. 414-248-6230 after 5 pm.

JD 4320 wide front, 18.4-38 tires, dual remotes. 814-793-4293.

For Sale: IHC Model 400 6 Row No-Till Corn Planter, Dry Fertilizer and/or Herbicide Tanks. Northumberland Co. 717-425-3515 after 6 P.M.

For Sale - FMC Cascade tomato harvester, JD Diesel engine, stored inside, field ready; 1 purebred Simmental bull, Simmental 4 years old, Langdon breeding, big and good disposition Russcott Farms, Sunbury, PA, 717-286-2384.

IRRIGATION PIPE - 24-6"x3" and 12-5"x3" Tico Valving Stations. 5000' of 4"x40" pipe w/Rainbird 40B sprinklers. 717-532-9108.

AC 185 diesel, 1800 hours, excellent condition, Lancaster County. 717-665-2906 or 665-5594.

JD 3020 gas tractor, good cond., \$4500. 717-354-5092.

For Sale - JD 4230 diesel tractor w/soundguard cab, heater and air cond., quad. range trans., radial tires, fair condition, \$11,500. Can deliver. Also cab for 4020 or 3020. 717-532-8601.

NH 45' Elevator... \$1050
225 Bu. Field Tank... \$250
NI 323 Picker... \$2500
Mighty Mac Skid Loader... \$3250
NH #33 Chopper... \$950
NH 27 Blower... \$550
JD 60 Tractor... \$1800
WENTZ FARM SUPPLY
Palm, PA 215-679-7164

Cat 933G Loader. 717-933-5734.

IH 3400 Backhoe Loader. 717-933-5734.

For Sale: MF 285 Diesel 81 H.P. 12 speed dual remotes 1575 HRS like new. 717-799-5739.

Orchard Sprayer - 4 piston high pressure Friend pump, 300 gallon cedar tank, 2 cyl. Wisconsin engine drives airblast fan. \$600. Dave 215-791-0776.

IH HYDRO 186 TRACTOR, cab, air, excellent condition. 301-845-4561.

4430 JD, roll guard, synchro. range, trans., dual hyd., 18.4x38 rear, 11.00x16 front tires, good condition, 215-383-6818.

IH #56 silage blower, good condition, \$600, 215-383-6818.

For Sale - Spoke Shave 1/2-3/8-5/16-5/8-7/8-9/16-1-1=Traveler; 8 ft. cast iron water trough 717-768-8923.

Wanted - JD 490 or 290 corn planter for parts, must have disk fertilizer openers. Richard Davis, Dysart, PA. 814-674-8119.

NEW EQUIPMENT

- 1 model 25 NH blower, \$2,100
- 1 model 30 NH blower, \$2,400
- 1 model 451 NH mower, \$1,900
- 1 model 667 NH tank spreader, \$5,100
- 1 model 707 W row pickup, \$1,250
- 1 Haban 3 pt. hitch corn sheller, \$1,575
- 1 H&S 180 bu. spreader w/hyd. endgate, \$3,600

Sorry no trade price

USED EQUIPMENT

- 1 310 NH baler w/70 thrower, \$4,800
- 1 276 NH baler w/54 thrower, \$2,995
- 3 tank spreaders, \$900 each

Sorry no trade prices

Addison Farm and Industrial Equipment

814-395-3521

Wanted - 350 Farmall Diesel any condition, Bucks Co. 215-348-3196, after 7 PM.

#146 JD loader, \$1200, AC grain drill, \$350, NH 36' elevatur with drag, \$350, tool bar fertilizer applicator, \$250, 717-626-6805

4020 diesel, A-1 condition, new rubber, 18.4x38 tires. Lancaster County. 717-656-2824.

Mechanic's Special - JD 4020 diesel, needs some work. 717-532-7054.

AC D21 tractor, diesel, excellent condition. 215-431-4384.

JD 4400 combine, with grain head, new straw spreader, excellent condition, 1500 hours, \$9,800. 215-933-5216, Montgomery County.

Complete used Executive 8085 computer feeding system, capacity 120 cows, hi-moisture bin included, priced for economical feeding, call and ask for Earl: 717-354-4616 or 717-733-7816.

For Sale - John Deere 680 manure spreader, good condition. 717-438-3205 Perry Co.

JD 400 TLB \$5,000
IHC 3414 TLB \$4,500
Case 450 4 in 1 \$6,500
IHC 454 Loader, 3 PT PTO \$5,850
Case 580 Forklift \$6,650
JD 450 6 way \$8,250
AW Grader \$2,750
JD 2010 Loader \$3,400
JD 400 Loader \$5,000
1953 Chevy dump \$500
Case 580 Backhoe \$1,500

Ed Goodrich Jr.
Rt. 38 & 38B
Newark Valley, NY 13811
607-642-8688 or 8519

255 MF diesel tractor, low hours, very good condition. 717-637-3483.

AC 7000 Dsl. Tractor
AC 5040 Tractor
AC 200 Tractor w/Cab
AC 185 Tractor
AC 160 Dsl. Tractor w/Loader
AC 160 Tractor
AC C Tractor & Cultivator
OMC #83 Grinder Mixer
OMC 540 Stacker & Mover
8C Hydra-Mac Skid Loader



Merry Christmas to all our very special friends!

ROY H. BUCH INC.
Ephrata
717-859-2441

TRIPLE H EQUIPMENT

VERMEER Peach Bottom, Pa. 717-548-3775 or 717-548-2094

YEAR END SAVINGS

On All Mower-Conditioners

New Vermeer Disc Mowers and Mower Conditioners
Used Vermeer Disc Mower-Conditioners
Demo Vermeer Disc Mower Conditioner
Excellent New Holland 477 Used Haybine
Good New Idea 272 Cudtitioner

SUPER SPECIALS

On Tedders & Rakes

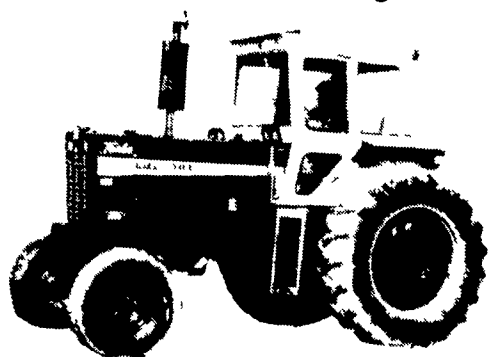
Discount

- Only (1) RC 330 Demo Tedder Rake 25%
- Only (1) RC 300 New Tedder Rake 20%
- Only (2) RS 500T-4 Star Tedders 20%
- Only (2) H 1240 8 wheel V Rakes 20%
- Only (4) H 620 4 wheel Rakes 25%

ALL DISCOUNTS Are Counted from OUR ALREADY Low 1983 Prices! Prices Held while Quantity Lasts So Call Today

HERR & LEAMAN

Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222



QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVED & BACKED WITH A WARRANTY/WILL DELIVER ANYWHERE

1978 JD 6600 Diesel w/Hydro., Air Conditioning AM-FM, Very Sharp, 1480 Hrs
NI 708 Diesel, hydro., cab & air
NI 737 huskers (1)
NI 738, 4R narrow corn head
NI 730 4R wide cornhead
MF 300 combine, quick tach w/2 heads
JD 4630 cab & air quad range
JD 4000 D, wide front w/cab
JD 4020 D, w/cab, wide front, sharp
JD 4020 D, wide front, 38" rubber, real good
JD 4010 D, 38" rubber wide front
JD 3020 Diesel, wide front, fully equipped
JD 4320 w/factory cab, 38" rubber fully equipped
JD 4520, synchro. range, factory cab, quick hitch, diff. lock, dual hyd., (also has 4620 after cooler up date kit), clean
IH 786 1981 model, fully equipped w/only 100 hours, diff lock and 38" rubber
IH 1086 cab & air, fully equipped
IH 1066 w/cab, good solid tractor
IH 856 wide front, 3pt., 38" rubber
IH 1456 w/factory cab, very clean
IH 1456 w/cab, duals & weights, solid tractor
IH 1256 nice w/complete engine overhaul
IH 656 Diesel, real clean
IH 856 Diesel, wide front
IH 1206 w/cab and new TA, very clean
IH 756 gas, real good tractor
IH M Farmall
IH 300 Farmall, gas w/fast hitch and power steering
IH 706 gas w/recent complete overhaul
IH 706 gas, WF, 3 pt.
IH and JD cabs (used)
Vermeer #605E w/all options, real nice
Year round cab w/air fits IH 06 to 66 series tractors
Year round cab for JD
Factory cab for 701 and 702 Uni

SEASONS'S GREETINGS
MERRY CHRISTMAS
AND HAPPY NEW
YEAR FROM ALL OF
US AT HERR & LEAMAN

Box 91 New Providence, PA 17560
Business Ph. 717-786-1606 & Evenings 717-786-4899

YEAR END CLEARANCE!

NEW TRACTOR WHITE TAG SPECIALS

- ★ 5288 - Burgundy Cab, 3 Valves, Loaded!
- ★ 5088 - Burgundy Cab, 20.8x38 Tires!
- ★ 5088 - Western Cab, 3 Valves, Big Tires!
- ★ 3288 - ROPS, 18.4x38 Tires!
- ★ 684 - 18.4x30, 6 Ply, No ROPS, 16 gpm Pump!
- ★ 584 - Row Crop, Less ROPS

We're Overstocked! Now Thru Dec. 31, 1983 THESE TRACTORS MUST GO!!

Take Advantage of These Tremendous Investment Opportunities!

PRICES WILL NEVER BE LOWER!

- Financing Available To Credit Qualified Customers
- New Warranty Applies.

PLEASE CALL US BEFORE YOU BUY!

Swope & Bashore, Inc.

Under New Management

OPEN MONDAY TO FRIDAY
7 AM To 5 PM
SATURDAY 7 AM To 11:30 AM

RD 1, Myerstown, Pa.
Located 1 Mile S. of Int. 78 & 6 Miles N. of Myerstown on Rt. 645 in Frystown
PHONE: 717-933-4138

Area Codes 215 & 717 Call Toll Free 1-800-692-7467

Best Wishes for A Merry Christmas & A Happy New Year!

INTERNATIONAL HARVESTER



We Will Trade!

- ★ In Addition To The Best Prices We Can Possibly Offer, All of These Tractors Qualify For...

- GIANT WHITE TAG SAVINGS ALLOWANCES

PLUS...

- WAIVER TO MARCH 1, 1984 or CASH REBATE

PLUS...

- FREE TRIP TO ENGLAND or CASH REBATE

PLUS...

- HUGE DEMONSTRATION ALLOWANCES ON 5288 And 5088

SALE
AVCO
NEW IDEA

FOR SALE

Same Falcon 4 wheel drive 49 PTO Horse Power. 325 hours. New Condition, \$8,800.
Deutz 6806, 68 HP New Paint \$6,400
Deutz 10006 2 WD w/cab, heat, \$2,200—\$6,900
Leyland 270 Turbo 80 PTO Horse Power 4 new tires 3000 Hrs. \$7900.
Ford series 250 PTO hay baler, \$800
International 350 Forage Harvester w/1 row crop and pick-up head, good condition \$1,500.
Badger 1416 3 btr. forage box w/roof w/Badger tandem gears, \$2900
Dion 2 btr. 16' forage box w/8 ton NI gears, \$1600
NI 272 cudtitioner excellent condition \$2785
Taylorway 3.7 Shank 7' Chisel ~~solid~~, 32" clearance w/twisted shovels \$770
Taylorway model 200 217 disc harrow, 10' w/flex bearing hangers, 22" blades, new cond., \$3550.
NI model 224 spreader w/hyd. gate, Gratz chain, good cond., \$3,800—\$3,400
NI 218 spreader with hyd. gate, cylinder & hoses, flotation tires, Gratz chain, good cond., \$3700—\$3,200
Dion 60' forage blower, good cond. \$1385

HEISEY FARM EQUIPMENT, INC.
RD 1 Jomestown, PA
717-865-4526

FOR SALE

MF 1105, cab & air
JD 2020 w/loader
Case 1570
MF 1135, cab & air
IH 574
JD 3010
(2) MF 1155 w/cab & air
MF 180
MF 550 combine w/1143
corn head
10' Glenco cultivator
IH 3200 Skid Loader
Case 1290

L & M BURKHOLDER

Ephrata, PA.
717-859-2960
717-859-2712



JD 4630 Tractor
JD 4430 Tractor w/Roll
Guard
JD 4430 Tractor w/Row
Crop Fenders
JD 4240 Tractor w/Cab,
PS
JD 4230 Cab & Air
JD 4030 Tractor
JD 4020 Side Console,
WF
JD 4020 WF
JD 4020 Side Console
WFE
JD 4010 Tractor
JD 2640 Tractor
JD 2640 Tractor w/145
Loader
JD 2440 Tractor
JD 2040 Tractor
JD 2020 Tractor
w/Loader
JD 950 Tractor w/loader
JD 420 Lawn Tractor
JD H Tractor w/plow &
cultv.
Farmall 656 Tractor
Farmall M Tractor
Farmall Cub w/Belly
Mtd. Mower
IH 154 Lo-Boy w/mower
AC 7000 Tractor w/Cab
JD 7000 6R Consv.
Planter w/Liquid
Fert.
JD 7000 4R Consv.
Planter w/Dry Fert.
JD 7000 4R Consv.
Planter w/liq. fert.
JD 1240 4R Plateless
Corn Planter
NI 325 2R Corn Picker
JD 3800 Chopper w/2R
corn head
JD 35 Chopper w/2R
corn head
JD 110 Disc
JD BWA Disc
JD B Plane 15 Disc
Grain Drill
JD Kilafor offset Disc
JD FB Grain Drill
JD 950 10' Roller
Harrow
JD 4400 Combine
w/Platform & C.H.
JD 4400 Combine w/444
Corn Head & 13'
Platform
JD 7700 Combine
JD 7700 Combine w/643
Corn Head & Plat-
form
Gleaner A Combine
JD 34 Chopper w/1 Row
Corn Head
JD 244 Corn Head
NI 279 Cut/ditioner
Brillion Cultimulcher
JD 1450 5B Plow
JD 1450 4B Plow
JD F145 5B Plow
JD 145 6B Plow
IH 5B Plow
IH 6B Plow
NH 318 Manure
Spreader
NH Tank Spreader
NI 214 Manure Spreader
JD 400 Lawn & Garden
Tractor
JD 420 Lawn Tractor
JD 317 Lawn Tractor
JD 300 Lawn Tractor

ENFIELD EQUIPMENT INC.

Whiteford, MD 21160
Ph: 301-452-5252

FARM EQUIPMENT

For Sale - JD 1240
planter; Oliver 9' grain
drill; 58 Chev C60 dump
truck; 76 Dodge D200 PU;
78 GMC PU; 69 In-
ternational corn head.
609-299-4971.

For Sale - Dunbar Kapple
Pneumatic grain con-
veyor. 6' unit with
piping and accessories.
1000-1200 BPH capacity
(excellent for loading
grain from flat storage
and clean-ups) 75 HP
minimum required and
1000 RPM like new!
201-689-0068.

NEW:

HOOK-N-LINK CHAIN

- 2" high Angle Flight, 24"
Centers @ *8.85/ft.
- 2" high Angle Flight, 18"
Centers @ *9.35/ft.

Our chain will replace existing installations
of Patz, Berg and Jamesway. Corner
Rollers, Reverse Curves and Sprockets
are also available!

BALE CHOPPER — GOOSSEN

3-Point, mounted with blower and
distributor for feeding hay into a Mix
Wagon with silage and grain for a TMR.

ROLLER MIXER

6½" Cut, Demo Unit w/Cob Crusher &
Husk Shredder, 105 Bu. Tank,
14'8" Unloading Auger

BONITA PRODUCTS

(717) 263-8914

LOST CREEK IMPLEMENT

Oakland Mills, PA 17076
717-463-3511 463-2161



GREEN VALUE EQUIPMENT

10' Moore No-Fill Drill,
Like New
\$7,200

TRACTORS

New 60 HP 2440, sale priced
New 110 HP 4240, sale priced

15 HP Satoh Beaver diesel, 4WD \$3,100
IH 400 tractor, \$2,200 nice
JD B tractor, excellent, \$1,000
JD MT tractor w/plow & cultivators
9N Ford, sharp
Clark fork lift, 4000 lbs. lift

TILLAGE

JD 1240 4R Consv. Planter \$1,000
JD 1240 4R Consv. Planter \$1,000
JD 1250 4R Consv. Planter \$1,295
JD 145 4R Consv. Planter \$1,000
Case 4R Consv. Planter \$1,000
IH 400 narrow row, 16", very good \$950
JD 1240 4R Consv. Planter \$1,000
JD KBA transport disc 70" \$1,080
IH 100 disc, transport disc, \$950
AC drag disc, \$150
Case 7' Drag disc, \$190
JD BW disc, 10', \$1,095

DRILLS & PLANTERS

IH 56 4 row insecticide, nice, \$1,500
JD 494A planter dry, good, \$795
JD 494A planter for parts, \$200
3400 White 6 row no till dry insecticide
monitor, \$4,500

HAY & FORAGE

NI forage blower \$895
JD 24T baler w/30 ejector, \$2,495
Grimm hay tedder, \$975
IH 440 baler w/thrower, \$2,500
NH 818 harvester w/4 heads, \$550
JD 38 forage harvester w/2R
JD 800 SP windrower, 10' \$2,250

MISCELLANEOUS

512 NH spreader w/hyd. endgate
IH 540 manure spreader, new chain, very good
MF 160 spreader w/hyd. endgate, good, \$1,395
NH tank spreader
JD 227 picker for parts
7' heavy duty 3 pt. blade, \$625
96" bucket for 145, 146, 148, 158 loader

JD Finance Waiver & Rebates
On Most New & Used Items!

**Merry
Christmas**

NEW DEUTZ DX-130
TRACTOR, 121 hp, 4-post
roll guard, 20.5x38 rear
tires, dual speed pto,
turbocharged, powr-matic
transmission, dual remote
outlets, full warranty,
\$21,995. 301-662-7703.

Wanted to buy - 100 acres
or more limestone farm in
Carlisle, Shippensburg or
Walnut Bottom area, dairy
preferred, will consider
other farm operation.
717-737-8000 after 6 PM.

New
GLENCO
SOIL SAVER
7 Shank

NH #351
GRINDER-MIXER

NI #218 SPREADER
NH #362 FLAIL
SPREADER

MUSTANG #345
SKID LOADER
MUSTANG #440
SKID LOADER
FORD #340 SKID
LOADER

OLIVER 1610
FRONT LOADER

FAYETTE 18,000
LB.
TRAILER

SHEETS BROS.
New Holland,
White
1061 Carlisle St.
Hanover, Penna.
717-632-3660

For Sale - Farmall Super
A, new paint with plow,
cultivator, mower, and
trailer. 717-442-8308.

Wanted - AC model G
tractor for parts or extra
parts. Also front hydraulic
assembly. 215-539-9076.

AC XT 190 Series III
tractor with year round
cab, power shift wheels,
full set of weights, low
hours, good condition.
Call 717-284-3205 or
786-7143.

JD 2600 metric 5 bottom
mold board plow. Cuts
16", 18", or 20", new
condition, \$4,250. Call
Sheaffer evenings, 301-
758-1497.

For Sale - IH 475 19' wing
transport disc, \$2900.
Athens 131 11' heavy
duty transport disc,
\$1400. Ford 140 toggle
trip 18" 3 bottom fully
mounted, high clearance
plow, \$950. 6000 gallon
tanker trailer, new caps,
road worthy with a little
work, \$1800 or \$800
without tires and wheels.
717-837-0724 Snyder
County.

For Sale - JD 544 front
end blade, H.D. 90-180
HP for earth or snow, like
new, 717-733-4516.

Wanted - Saunders
snowplow 6' or 7', good
condition, reasonable
price. 215-670-0584.

610 Long 64 HP 4 wheel
drive, PS, sale price
\$13,000
Long 310 4 wheel drive,
28 HP, PS, sale price
\$8,400
With front end
loader, \$9,600
Sorry no trades
Cash only

Addison Farm and
Industrial Equipment
814-395-3521

Must Sell

1 of a kind New I.H. Equipment

3288 Tractor \$25,295.00
684 Int. Tractor \$14,845.00
720 5 F-18" Plow \$7,195.00
450 ¾ Plow \$3,985.00
5507 Trailing Chisel Plow 11 ft. \$3,479.00
5507 Trailing Chisel Plow 7 ft. \$2,479.00
1250 Grinder Mixer \$5,985.00
425 Baler \$4,495.00
#510 Grain Drill 13x7 with grass Seed Box \$3,785.00
800 Planter, Plate 4 row with Fert. & Granular
Chem. attach \$7,470.00
56 Planter, Demonstrator 4 Row with Fert. &
Granular Chem. attach. \$3,985.00



CLERENCE WILSON & SONS
Kimberton, Pa. 19442 215-933-3581

NEW EQUIPMENT

TRACTORS

JD 4250 G & PS
JD 2150
JD 2350
JD 2550
JD 2750
JD 2950
JD 4440 w/SG & QR

TILLAGE

JD 235 19"11" Disc
JD RM4 Cultivator
JD 1250 3B Plow
JD 1010 Field
Cultivator
JD 1610 Chisel Plow
JD 415 Rotary Hoe
Glenco SSP 7B Soil
Saver

HAY TOOLS

NH 489 Haybine
NH 58 Thrower
JD 337, 347W Balers
JD 3940 Harvester
NH 38 Crop Chopper
NH 311 & 316 Balers
NH 451 Mower
NH 256 & 258 Rakes
NH 782 Harvester
NH 1037 Bale Wagon

COMBINES & HEADS

JD 215 Flex Platform
JD 643 Corn Head
JD 6620 Combine
JD 213 Flex Platform
JD 444 C. Head
JD 4420 Combine

PLANTING EQUIP.

JD 7000 Cons. Pltrs.
4R & 6RN
JD 8200 18x7, 21x7
Plain Drills

OTHER EQUIPMENT

JD 158, 175, 245, 260
Loaders
JD 1065, 1075 Wagons
JD 78 Blade
JD 450 Solder
NH 230 Wagon
Century 500 Gal.
Sprayer
DeLaval Manure
Pump
NH 8 CSolder Carrier

USED EQUIPMENT

JD 4020 Tractor
IH 966 Tractor
JD 2040 Tractor
NH 791 Manure
Spreader
NH 320 Wire Baler
w/hydraformatic
& quarter turn
chute
AC K2 Combine
JD 643 Corn Head
JD 244 Corn Head
JD 7000 6R Planter
w/Dry Fert.
NH 770 Fg. Harv.
Fox 3000 Fg. Harv.

NEW TRACTORS

JD 2150
JD 2550
JD 4650
JD 2950 MFHH
JD 4050
JD 4250
JD 4450
JD 1250 4 whl. Dr. \$15,500
JD 2440 \$17,000
JD 4240 QR, SG Body \$33,000

NEW MACHINERY

JD 450 Spreader
JD 660 Spreader
JD 680 Spreader
JD 445 Spreaders
JD 300B Backhoe/Loader No Trade
JD 115 11' Disc
JD 315 13' Disc
JD 6620 Side Hill Combine
JD 4420 Combine
JD 1326 Mower Conditioner
JD 660 Rakes w/rubber teeth
JD 3940 Fg Harvester
JD 2600 5Bx18" Plow
JD 1250 Plow 3Bx16" \$1800 N/T
JD 1250 Plow 4Bx16" \$2450.95
JD 2700 6Bx18" Plow
JD 7000 Conservation Corn Planters
6R
JD 16x10 FF Drill \$4000
JD 327 Baler w/ejector
JD 27 Flail Shredder
JD 965, 1065, 1075 Running Gears

USED MACHINERY

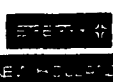
1-IHC 830 Fg. Harv.
1981 model, PU & 2 R.C. H \$11,000
1981 White Combine 7300
w/704N 4 Row Corn Head \$25,000
JD 95 Combine Dsl. engine,
corn special w/ 435 corn
head & 12' platform \$10,500.
(1) 8N Ford tractor
w/Hydraulic Front Blade \$2500
(1) AC C tractor \$1500
JD 730 Dsl. Tractor \$3500
AC WD Tractor \$895
JD 400 Tractor Model 1981
w/60 mower \$4,800
2-105 White Tractor \$14,500
JD 90 Skid Steer Loader \$5,500
JD 336 Baler w/ejector \$4500
(2) AC 600 Series 6
Row Narrow Corn Planter \$4500 ea
JD 8200 14x7 Plane Drill \$3,000



**WALTER'S SALES &
SERVICE, INC.**
RD 2 Box 49 Mifflinburg, Pa.
717-966-3778
JD Agricultural Dealer and CP



**Thursday, Jan. 5th 1984
10:00 AM Till?
Special Discounts on JD Parts
Bought and Paid on JD Day
If Account is Current**



WAIVER OF INTEREST
ON MANY ITEMS
I. G. SALES

DeLAVAL
JAMESWAY

Silverdale, PA 18962
215-257-5135



Quonset
Buildings

Year-End Super Sale!

A.C. 7060 PS, Cab, Air, Fully Weighted \$29,900	N-5 COMBINE with 15' Flex Header And N630 Cornhead-Updated To 1983 Model \$69,995
A.C. 6080 (DEMO.) 390 Hrs., Front & Rear Weights \$16,900	FK 2 Hy. COMBINE with No Heads \$42,995
A.C. 6060 Front and Rear Weights \$13,995	N.I. 324/327 CORNPICKER 2 Row Wide with 12 Roll Husking Bed \$9,750
N.H. 358 GRINDER MIXER 125 Bushel \$8,975	N.I. 325/327 CORNPICKER 2 Row Narrow with 12 Roll Husking Bed \$11,650
N.H. 847 ROUND BALER Auto Wrap \$7,595	N.I. 323 CORNPICKER Single Row \$6,225
N.H. 679 MANURE SPREADER 275 Bu., Hyd. Endgate, Pan Att. \$6,495	



AVCO
NEW IDEA

SPERRY
NEW HOLLAND

ITCO

Dealer for ITCO Corp
• Over 9,000 items
At Discount Prices

SHARTLESVILLE FARM SERVICE

RD 1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop.

FARM EQUIPMENT

John Deere 290 corn planter \$150; Goodyear 18.4x38 6-ply pair \$100; Massey Harris offset disc 10-11 blade for parts, \$75, 215-944-9819, Berks Co.
Manure spreader, NI 1982 model 214, used little, best offer. 201-542-4840.

Unique Christmas gift for the farming enthusiast. Antique cast iron implement seats (made in the 1800's). Not many available. \$25 and up. 717-687-0102.

1850 Oliver Diesel, engine just overhauled, clutch overhauled, over and under shift overhauled, new hyd pump, new 18.4x34 tires, 215-445-4944.

USED TRACTORS

Waiver of Interest until March 1, 1984

- '64 JD 4020 Diesel, wide front
- '68 4020 diesel, wide front
- '68 4020 diesel, power shift, cab



- '76 JD 8630, 4WD w/dual 30.5x32 - 24.5x32 dual tires, 3765 hrs., nice condition
- TO-30 Ferguson
- '71 JD 4320
- '73 IH 766 wide front, 3 pt. hitch
- IH Super M

CORN PLANTERS

Waiver of Interest until April 1, 1984

- '82 AC Model 333, 15-20" Row, No-Till Bean Planter, Dry Fert., Insecticides
- JD 7000 8-30 Dry Fert. No Till Coulters Insecticides, Monitor
- IH 6-30 air planter
- JD 1250 plateless

USED CHISEL PLOWS

- IH 13", 3 Pt.
- Graber 26" Flex pull-type

USED PLOWS

- JD F145 - 5-16 Semi Plow
- JD F145 - 5-16 Semi Plow w/harrow attachmant

USED COMBINES

Waiver of Interest till January 1, 1985

- '73 JD 7700, hydrostatic drive, turbo, 16' platform
- '74 JD 7700 - Rotary Screen, Mud Hog Drive, 16 Ft. Platform
- '75 JD 7700 - Rotary Screen, 16' Platform
- '73 JD 7700 hydrostatic drive
- '76 JD 7700 rotary screen, gear drive, 215 flex cutterbar



'81 JD 8820 4 wheel drive, factory duals, 1100 hrs., w/1243 corn head & 220 flex cutter bar, exc. shape

CORN HEADS

Good Selection of John Deere
443-444-643-843 Cornheads

MISCELLANEOUS EQUIP.

- Farmhand tub grinder model 900 B, PTO Drive, 1000 RPM, tandem axle, 3 yrs. old, exc. cond. \$8,500
- Bish head adapter to install JD corn head on NH TR70 combine
- JD 653 row crop bean head
- JD RG4 cultivator
- M&W 450 grain dryer, PTO dry
- JD 210 14' disc harrow
- JD 38 Harvester w/2 RW Head
- JD 38 Harvester, Electric Controls, w/2 RW Head, 5½' Pickup Attachment
- JD RG8 Cultivator, 8-30" Rows
- Tye drill 24 tine, double disc opener, 3 pt. hitch
- Caldwell grain cart, 700 bushel
- IH 13' 2 bar chisel plow

Lancaster Farming, Saturday, December 24, 1983-C7

For Sale: Generator and engine 40 KW 240 volts 80 amps 2 phase 60 cycles \$1500.00. Lancaster Co. 717-367-5043.

For Sale - NH 1010 automatic bale wagon; JD F-620-A, 4-16, pull type plow. Both in excellent condition. 301-348-5660.

Wanted-Fertilizer spreader-tandem axle four tons, S.S. body, spinner type, 215-584-4422 Montgomery.

JD 350 crawler loader diesel with Hyd. shuttle, good JD 450-B crawler loader turbocharged diesel, excellent, 215-679-2011.



From The Staff And
Management of
Cooper Ent., Inc.
Cecilton, MD

CLEANUP SALE

	List	SALE
JD 1050 tractor, 320 hrs. like new	\$9500	*7500
JD LA tractor w/plow & cult.	\$2500	*1500
JD 1209 M-C	\$3500	*2500
JD 336 baler w/30 ej & 2 Hyd. Cyl.	\$6500	*5000
JD 1550 O-till Seeder	\$8000	*5000
JD 145 plow 5-16, SH & Trashboards	\$2500	*1500
JD 2 row - row crop 38"	\$700	*300
JD Round Bale Grapple w/Cyl.	\$875	*400
JD 1240 Plateless Planter	\$2600	*1800
JD 567 Rake, (4 Wheels)	\$900	*400
Kools Blower, 1000 RPM	\$1200	*750
IHC #16 Harvester	\$1000	*400

NEW PARTS AND ATTACHMENTS

	List	SALE
JD 7000 4R Marker, Complete	\$700	*350
JD 7000 4R Dry Fert Attachment	\$732	*350
JD 7000 Quick-Fill Dry Fert 4 R...	\$895	*450
6R	\$925	*475
Dual Wheels, (Snap On) 20 8-38	\$800	*450
JD Manure Spreader Web, One 36" Wide, Chuck Wagon	\$349	*175
Web for JD Model 34 & 40, 49" W	\$303	*200
Complete Harrow Runners	\$85	*40
1442 Cast Plow Shears	\$15 50	*10
JD Roller Harrow Point	\$3	*2
JD 1441 Steel Moldboards	\$95	*45
JD NU 16" Moldboards	\$120	*75
JD Trash Boards, Complete	\$35	*20
JD Hyd. Valve For Loader	\$500	*250
JD RG, 2840-2940	\$575	*300
JD Enclosure 2840 & 2940	\$250	*125
JD Weather Shield For Utility Tractors	\$200	*100
Rear Tractor Chains 13.6x16	\$175	*100
Rear Tractor Chains 16.9x28	\$265	*135
JD Material Bucket 60", Fits 145-146-148-158	\$500	*375
JD Material Bucket 72", Fits 145 - 146 - 148 - 158.	\$550	*425
JD Complete Top Beater Att. For 54 Spreader	\$499	*200
JD Control Rod for 30 Bale Ejector	\$25	*15
JD 3 pt. Hitch for 300 Series Garden Tractor	\$400	*200
JD Windshields For Snowmobiles	\$30	*15
JD Wagon Stakes	\$12	*5
2 JD 7000 No-Till Coulter s Brackets	\$700	*400
JD Side Bale Turner	\$175	*75
JD 12' Harrow Draw Bar w/ Cable Hitch	\$150	*75
Used Silo Doors (Silver Shield Silo)	\$35	*10
Used JD Gear Box For 15-15A-16-16A Chopper	\$450	*200

A Lot of JD Misc. Parts & Attachments Not Listed

Earl Auker

717-463-2394

(Formerly Auker-Ena Eq., Inc.)

USED TRACTORS

- | | |
|--|--|
| JD 4630, cab, air, power shift, exc. cond. | JD 3020 Diesel, Syncro |
| JD 4430, cab, air, quad range trans. | JD 1530 & 2030 |
| JD 4430, power shift, roll guard | JD 720 diesel electric start |
| JD 4320, no cab | JD 3020 diesel, power shift |
| JD 4520, new tires | IH 966, cab and air |
| JD 4230 w/rollguard | IH 1466 w/cab |
| JD 4230 cab & air | IH 1256 w/cab |
| JD 4020 | IH 656 wide front |
| JD 4020, power shift | IH 574 w/loader |
| JD 2940, w/roll guard w/500 hrs. | IH 2400 w/loader |
| JD 2640 w/700 hrs. | Ford 9600 |
| JD 2020 diesel | AC 7030 w/cab, real nice |
| JD 3020 gas | AC 7030 |
| | AC 210 diesel |
| | White 4-180 w/duals, quick coupler, used 2000 hours. |

USED COMBINES

- | | |
|----------------------------------|----------------------------------|
| JD 7700 diesel w/6 row corn head | JD 4400 diesel |
| JD 55 corn special | Oliver 525 w/2 heads, exc. cond. |
| JD 6600 Diesel | NI 702 tractor w/710 combine |
| JD 4400 w/4R cornhead | |

USED HARVESTERS

- | | |
|---|------------------|
| Fox 2 row snapper head | Fox 2000 |
| Used Morige grain dryer | Fox Custom 90 |
| Late Model NI 702 uni tractor w/767 Super Chopper, 3 row head & pickup head | NH 770 w/2 heads |

MISCELLANEOUS

- | | |
|---|---|
| 1980 Chevy tandem w/26' Jerdan rollback, like new | Large selection of smaller discs |
| JD power till grain drill | Large selection of plows from 3 to 7 bottom |
| IH 510 grain drill | Gehl 2600 skid steer loader, used 800 hours |
| IH Bigroll baler | Gehl 9' haybine |
| JD 346 wire baler w/thrower | NH 469 haybine |
| JD 346 twine baler w/thrower | New Farmhand loaders for IH and JD tractors |
| NH 278 baler | |
| Keewanne 20' hydraulic fold disc | |
| JD 21' hydraulic fold disc | |

D & R EQUIPMENT INC.

Ringoes, New Jersey

(201) 782-5082

W.N. COOPER & SON, INC.

Morgne Rd. Rt 291
Chestertown, MD

301-778-3464

FARM EQUIPMENT



SPERRY NEW HOLLAND

END OF YEAR SPECIALS ON NEW EQUIPMENT

MF 210-4 Tractor
21 PTO H.P.
4 WD, Ag Tires
SPECIAL \$6,600

MF 294 Tractor
4 WD, 67 H.P.
SPECIAL \$18,850

Gehl #4300
Skid Loader
Bucket and Fork
SPECIAL \$11,200

NH L-425 Skid Loader
Bucket and Fork
SPECIAL \$12,500

NH #30 Forage Blower
1200 RPM
SPECIAL \$2,700



May a joyous Noel
be yours in every way.

MARLIN
SCHREFFLER
Pitman, PA
717-648-1120



USED EQUIPMENT

MF 1155 Tractor
INT. 475 DISC
JD-BW DISC
JD 5020 tractor
MOTT MOWER - 48 in.
JD 54 Manure Spreader
JD 494A Planter
JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 7000, 8 row, 30" corn
planter w/Liquid
Fertilizers and
Monitor

JD 1250 corn planter
Oliver 5x16 Plow
JD 1250, 4 btm. plow
1-JD AW disk harrow,
14'

NEW EQUIPMENT

JD 415 Rotary Hoe
JD 347 W Baler
JD 7100 8-row 20" bean
planter
JD 950 - 12 Ft. Roller
Harrow
JD 7000 - 4 Row & 6 Row
Conservation Planter

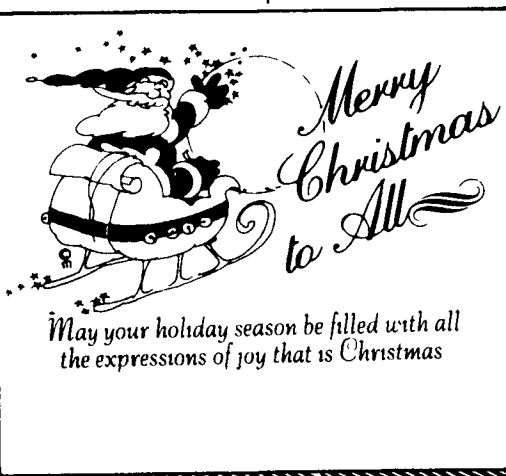
JD 45 Blade - 8 Ft.
JD 45 Blade - 7 Ft.
2 - JD 506 Gyramor
2 - JD 606 Gyramor
JD 680 Rake

OTHER LINES

NEW EQUIPMENT
Superior-Campbell
Sprayers
Superior-Scranton
Livestock Equip-
ment, (Hay Feeders,
Corrals, Gates)
Ceco Farm Buildings
COVERT & SONS,
INC.

Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington &
Somerville)

FARM EQUIPMENT



May your holiday season be filled with all
the expressions of joy that is Christmas

(Combines on our lot)
Used J.D. 6620
Hydro w/heads

New JD 4420 fully
equipt. 443 C.H. Int.
1480 axel flo fully eq.
w/both heads,
(SOLD) New M.F.
860 combine call for
price.

Used White 9700 rotary
w/4 whl drive, grain
and 6 row C.H. 1977
JD 4400 Dsl. cab and
air real nice; 1975 JD
6600D rotary screen,
good cond. 1976 Int.
715D, w/air & 13 ft.
grain, field ready,
never used in corn.
1977 Gleaner L2
hydro w/6 row C.H.
1976 Gleaner FD
w/air and both
heads; 1976 Gleaner
KKS cab & air
w/grain, 1976 Int.
915D w/810 grain
head \$18,900. 1979 MF
550D, excel. w/grain
and corn heads. 1975-
MF 510D hydra.
w/grain and 43 corn
for \$16,800.

MF 410 D w/cab & Q.T.
Grain head.
MF 510D w/cab, Quick
Tach grain for \$8950,
Sale Price \$5850.
Case 960 w/cab and
grain, real nice,
\$3950.

1968 Gleaner CII diesel
w/cab and 4 row C.H.
for \$5250. JD 7700 D
w/grain & corn head.
1969 MF 510D, cab & 2
heads for \$9500.

MF 300 w/cab & 2 heads
for \$2900.

1969 JD 55 sq. back corn
special w/cab and 2
heads; Int 715 gas
w/cab, 810 grain Int.
810 13 ft. floating cut-
ter bar.

Int. 303 w/cab, 1972
Gleaner F w/grain &
4 row C.H. for
\$11,900.

Gleaner E w/cab and 2
heads nice and good;
Gleaner E III w/cab
and 2 heads.

AC 90 pull combine.
NI 702D w/cab w/chop-
per and 2 row C.H.
\$6250. 702 w/729 A
sheller.

We have 4 N.I. Uni 729A
shellers from \$1500.

TRACTORS AND
EQUIP. JUST PUR-
CHASED (New A.C.
8050 P.S. w/radial
tires list 56, cost 44,
our price \$35,850.
New JD 4250 w/front
wheel drive. New
Case 2590 fully eq.
\$34,750.00; New Case
2090 Cab A.P.S.
\$22,900.00; used Case
2090 CA PS looks like
new, used J.D. 4040
w/R.G. and QR-nice.
JD 4230 w/QR for
\$11,400 JD 4430 w/
R.G. and P.S. Used
JD 4640 P.S. fully eq.
like new; JD 4630
cab, air P.S. w/front
whl. drive; JD 6030
C.A. Duals all
original; Farmall
1566 black stripe cab
and air real nice,
Farmall 1456 w/dual
PTO, Int. 884 w/front
whl. drive and cab,
Int. 784 utility D, 1066
Hydro original, Far-
mall 70 Hydro. D,
Int. 544 utility gas,
Super M, AC 200D,

JD 4010D WF nice,
Oliver 1850 w/dual
wheels, Farmall 706
gas WF and 3 pt., 766
original, 544 D, JD
720D, WF and 3 pt.,
JD 70D, Int., 504 utili-
ty D. Oliver 770 gas,
AC WD 45, NI 325
picker w/sheller like
new. NI 325 picker
w/12 roll bed; N.I.
324 picker w/12 roll
bed; Case 1370 C.A.
PS - factory duals
and full wts. JD 4010
D. W. F. Dual
Hydraulic.

We have 3 real good JD
4010 D. w/W.F., NH
258 rake, Oliver 5B
hydraulic reset plow.
NI Combines Just Dealt.
NI 717 combine w/13
ft. grain; NI 738 4R N
CH; NI 10 ft. direct
cut head; NI 3 row
30" silage head.

(Tractors and Eq. - Just
Received) MF 1135
CA MP real nice, Int
544 utility gas.
(SOLD) Farmall
1468 C.A. \$8850; Far-
mall 186 Hydro
w/cab enclosure;
Farmall 886 w/R.G.,
Farmall 756D WF
and F.H. nice
original, 756D WF 3
pt. INT. 656 utility D,
nice original Far-
mall 504 tri. D.
original, Farmall
460D. and 460
gas; from \$1750. NH
357 Grinder- Mixer
\$3850.

Used JD 66 and 65
Blowers.

White 2-155 w/cab, JD
3020 gas P.S.
original, JD L w/eq.,
2 Used NI 323 1 row
picker \$2150 Used
Int. 1190 haybine for
\$3250; Ferg. 6 bar 3
pt. rake like new.

AC 7010 C.A.,
P.S., 20:8x38 tires,
full wts., light
package looks like
new, Ford 7600
w/dual power. Far-
mall 966 original for
\$9800.00. Farmall 504
original w/P.S. and 3
pt. Oliver 880 W.F.
fully equip. JD 4010
gas, JD 2840; Far-
mall 1066 w/cab & air
\$12,800. Int. 444 utili-
ty gas, w/P.S. for
\$3850. Farmall 1066
for \$9950. (SOLD)
Farmall 1566 C.A.
w/20x38 duals used
1200 hrs. extra nice,
Farmall 656 gas. 706
gas, 504 w/W.F. &
Loader. JD 730 D,
nice. JD 620 w/PS,
JD M w/plow and
cult, JD 60 w/loader;
JD 3020 PS w/cab,
D.B. 990D. Hay eq.
just traded, used NH
320 baler, Rakes,
new NH 256, MC 9E
Rotary Scythe.

New Holland 1034 Auto-
Bale Wagon used 3
yrs. NH 1012 18 ft.
hay bale wagon on 8
ton running gear.
JD 3020 Tri D. JD 4020D
W.F., D.L. and 2
values w/cab. JD
4020D W.F. P.S. 2640,
Farmalls 1566 4 post
R.G. w/duals, 1066
w/cab, 886 w/cab,
like new; 1206 extra
nice, 756D W.F.

original, Farmall M.
2 White- 4 whl. drive,
4-150 fully eq. for
\$12,500; (SOLD)
White 4-180 fully eq.
for \$15,850 (Tractors
Coming in) Int. 4786
and Int. 4586 - four
whl. drive, JD 4020
D., W.F., P.S. and
diff locks. Used JD
4840, fully equipped
w/dual whls. real
nice, JD 4430 C.A.
QR, AC 220 original
nice \$8950, Farmall
1486 fully eq. like
new. Int. 784
w/loader like new.
JUST TRADED- used
Int. 3588 2+2 Int.
986 w/cab, 1066 Far-
mall a 1 1

M w/NI 319 mtd.
picker, Case 1410D.
(Harvesters) NH 890
w/3 row 30" C.H. 2
row snapperhead
and pickup head. JD
243 snapper head.
Forage Wagons.

JD 216- tandem axle. NI
325 picker w/12 roll
bed, JD 237 mtd.
picker and sheller.

(new) 2 NI 323 corn-
pickers at old prices.
\$5450.00

New NI 324 2 row picker
for \$9750.
Used Fahr rotary 7 ft.
haybine. JD 340 12 ft.
offset disc, Glenco
SS9 Soil Saver, JD
210 14 ft. Disc,
Hesston #30
Stakhand.

CHISEL PLOWS- new
Ford 13-ft. 3 pt.
w/gauge whls.

HAYBINES- (new) Int.
1190 List \$8900. Our
Price \$6450. only 1
left. New NI 272
cut/ditioner- \$3850;
Used NH 489-\$4000;
Used NH 489-\$3875;
N.H. 461 real nice;
N.H. 479. Used JD
1209 \$2475; New & used
Grim 4 star hay
tedders.

Used NI 279 Cut di-
tioner. (Just Traded)
N.I. 702 uni w/729A
sheller and 743 3 row
Q.A. corn head, real
nice and field ready.

New AC 7010 w/20 sp.
trans. Used 966-1
owner original, 1972
JD 4020, 3020 S.C.
power shift, JD 4020
S.C. w/cab, 1968 JD
4020. MF 1135 w/cab.
Farmall 350 w/P.S.
and F.H., Farmall
450 gas PS and F.H.,
Ford 6000 Com-
mander D.

Balers (new), NH 315
w/775 thrower for
\$9300. NH 280
w/hydraulic tension
and thrower. JD 336
Thrower. New Idea
#456 round baler.

TRACTORS & EQUIP.
Farmall 1566 w/cab
and duals, Used
White 2-105 w/roll
guard.

New John Deeres 4240
cab & air Q.R. for
\$30,000; New JD 4440
C.A. QR w/radial
tires. Six real nice
balers, NH 851 Round
Baler (nice); JD 500
Round Baler; Hawk
Bilt round baler. 2
used NH baler
w/throwers #280, 269.
Int. 420 w/thrower.

Corn Heads JD 643, 444,
244, 243, 843, 343, 443,
435N, 313 for 45C, 235,
Massey Ferguson
1144 like new, 63, 43,
44, 24, 222, 422,
Gleaner L438, F430,
F438, K238, F335,
F330, M430, K330,
Int. 863, 864, 844, 744,
843, 227, NI 4 row 40",
MF 44 & 43 Lo
Profile, NH 4 row 38",
C.H. New JD 444
\$7350 reduced to
\$6875. JD 443 used 2
seasons; Gleaner
A430 used 4 years. 60
corn heads on lot. NI
738 and 728 4 row 30"
New Int. 810 13 ft. grain

head.
Used Gleaner L2 grain
heads.

3 used MF 63C Corn
Heads to pick from. 4
used #810 Int. 13 to 16
ft. reg. and floating
heads.

(New Farmalls) 5088
fully eq., 3688 fully
eq., \$30,800.00.

(Used Farmalls) 986
w/cab, 686 nice. 706
gas. 1206 real nice,
used JD 4230 w/R.G.
and creeper gear,
1966-4020. We have 7
JD 4020 side console
diesels. JD 2640, 1970
JD 5020, JD 4430
C.A., Q.R., JD 2630
with hi-lo and cab,
1972 JD 3020 D.,
W.F., JD 3020
w/power shift and
cab, Farmall 130 w/1
row cult., Farmall
460 D. w/loader
\$1875, JD 4010 D.,
W.F., w/dual
hydraulic, Ford
TW20 w/cab w/220
hrs., damaged. 1972
JD 4020D, WF. JD
2630D.

New NI 324 picker
w/super sheller list
\$15,390. Special
\$8,475. Farmall 706
w/310 German D
w/cab, JD 2520D, MF
1135 w/R.G. and dual
wheels, MF 1105
w/cab, real nice,
(SOLD) Int. 656 utili-
ty Hydro D. NH 890 2
row snapper head.
JD narrow 30" 2 row
head, like new.

NI 325 pickup w/12 roll
bed used 4 yrs.
TRACTORS JD 4320,
Farmall 544 gas W.F.,
Farmall 706D WF & 3
pt.; NI 324 picker
w/super sheller used
80 acres.

JD 4020 W.F. power
shift, good tires;
Case 1070 P.S. \$6975;
JD 4010 Tri D, Far-
mall 766, Case 930
Standard, New
Holland 770 w/2 row
30" C.H. NH 890
Harvester w/2
heads, Deutz 9006.

CULTIVATORS - New
Case 3 pt. 8 row
Hydro fold. JD 4 row
& JD 6 row rear.

CORN PICKERS - New
NI 325 w/12 roll for
\$11,800, used N.I. 325
w/12 roll bed current
model. Used (2) N.I.
324 w/12 roll bed (325
N. w/sheller), NI 3
row 30" picker
w/super sheller, New
Idea shellers and
Super shellers, N.I. 2
row 30" picker w/
grinder. NI 319 mtd.
picker, JD 300 w/2 or
3 row C.H.

JD 4020 w/58 Loader, JD
4320 w/cab.

Farmall - 1566 w/cab &
air used 1000 hrs.,
1566 w/cab, 1466
w/cab. 886 w/cab,
800 hrs., like new. 856
w/38" tires, very
nice; Farmall 460
Gas w/F.H., Farmall
756 gas, Hi Crop- 656
diesel, 756, Farmall
cub w/mowers.

HARVESTERS. Used
JD 3960 w/long
tongue, used JD 3940,
JD 3800 w/2 row C.H.
and pickup for \$2850,
N.H. 890 w/3 row
30"; NH 890 w/2 row
30"; NH 770 w/2 row 30";
C.H. Int. 720 - 2 row.
Fox 2 row snapper
head. NH 770 1 row
snapper C.H.N.H.
890-2 new snapper
head, new N.H. 890
new corn head used
N.H. 770-H824 2 new
corn head and
pickup head, Fox 2
row 30" Silage Head,
JD 1 row snapper
head for 38 & 3800. JD
4 row Stalker head,
like new.

ALLIS CHALMERS AC
180D w/cab and air,
185 w/turbo. 7040
w/cab, power shift

like new, low hrs. 220
original, 210 w/new
20.8x38 tires, AC H3
Crawler w/blade and
winch.

2 JD 4 wheel drives 8630
fully eq. w/duals; &
7520 fully eq.
w/duals.

JD 4010 LP Gas (nice)
\$3750.

JD 4030, JD 5020 puller.

FARMALLS: 1066 red
cab & air, Used 686
w/cab & air, 1206
w/cab, 806 w/3 pt. &
38" wheels, Farmall
656 Diesel & 656 gas,
Farmall hydro 70
w/w.f. and 3 pt., 826
hydro D nice.

New White 2-65 w/front
whl. drive and new
1730 loader, list
\$29,000.

Dealers net \$23,700. Our
special price \$21,850.
New White 2-105 w/cab
\$22,850.

MASSEY FERGUSON -
2745 with cab and
dual whls. 1085
w/cab, original 2 MF
1155 w/C.A. M.P.,
MF 1130 for \$6250.
MF 165D.

(Case) New 2090 Cab &
Air, power shift.
Case 830 W.F. and 3
pt. Case 930D real
nice, Case 930 Stan-
dard D. real nice,
Case 830D WF w/side
pulley, Case D.B. 1200
for \$3900. Oliver
1950T w/Cab for
\$ 6 9 5 0 . 0 0 .
2050, 1855 w/20:8
tires, 1850 w/cab,
1855 w/duals, MM
Vista 1000 w/cab
and loader, MM S670
diesel.

Fords, Jubilee, 8N, 9N,
850.

N.I. 702 Uni tractors w/
combines & 729A and
729 Uni shellers w-3
& 4 row 30" and 40"
heads. Used JD 13 to
15 ft. grain heads.

IND. EQUIPMENT -
Int. 500E crawler
loader w/270 hrs.,
like new. Cat 933
crawler loader.
Int. 2400D L&B, Case 584
B.D. Forklift.

AC 600-21 ft. forklift.
Int. 3400D. L&B Howard
3 pt. backhoe, Long
1199A-3 pt. Backhoe
like new \$3850.

Bobcat 720 Hydro Skid
Loader.
Ferg 30 w/loader.
Mechanics
Specials.

Case 1410 motor. Far-
mall 706 gas needs
trans work, \$2900.

MF 1155 CAM P \$8850.

PLANTERS- Used Int.
#800 6 row fully
equipped w/no til
and monitor-NICE.
JD 7000 six row
w/fert. fill, plateless,
inst. w/minimum till
& monitor, (new)
White 5100 4 row
planter w/monitor,
JD 1460 6 row no-til li-
quid plateless Inst. -
\$1975, JD 6 row con-
servation inst. fert.
fill, population
monitor and acre ful-
ly equipped. Used
White 5400 4 row air,
w/dry, Inst. no til
and monitor for
\$2000.

Used JD 4 row conser-
vation w/liquid fert.
and monitor, Oliver 6
row no til w/dry
fert., inst., fert. fill
and population
monitor JD 444 corn
heads from \$2450 and
up.

Papec Grinder Mixer.
Cabs for JD and Int.
Tractors.

Glenco 12 ft. 9" Soil
Finisher like new.

Brady 14 ft. pull chisel
plow w/Buster bar.
Int. #5500-13 ft. chisel
plow, Int. 9 ft. Chisel
plow, new 9 shank
soil saver, used
Athens 10 ft. offset
disk. Caldwell 7 ft.
heavy duty 3 pt.
blade.

Pick-up heads for NH
770, 717, Miller 12 ft.
offset disk, JD Disks
#210 - 12x14 ft. New
Westfield grain
augers 41 ft. 8"
KD=\$1395, 56 ft. 8"
KD=1995. Used
Manure spreaders -
(new) N.H. 363 tank
spreader for \$3675.
NI 214 nice, JD 54,
Kawannee 10 ft. & 12
ft. roller harrow,
good.

Brillion 13 ft. roller har-
row, We have
new 4,6,8 ton running
gears at low, low
prices.

2-used Danuser Post
Hole Diggers.
Woods 15 ft. hyd. fold
rotary cutter.

N.H. 38 Flail choppers.
(SOLD) NH 36 Flail
Chopper; Brady 722
Flail Chopper.

PLOWS - Ford 6xsp,
reset, onland hitch,
like new, Int. #710
7x16 sp, reset on land
hitch, Int. #720 5x6x18
sp. reset, JD 2500 6x
sp. reset, JD 5x hyd.
Int. #700 5X auto
reset, fully eq., Int.
#710 6x16 sp. reset,
J.D. 5xSemi trip
rollover, Oliver 4x16
rollover, JD 3x16
rollover, Chisel
Plows. Brady 12 ft. &
10 ft. chisel plow 2-
Brillion 10' 3 pt.
chisel plows
Rockland rock
picker. New Johnson
loader.

Used JD 310-12 ft. disk
like new, new 12 ft. 3
pt. field cultivator.

New Landoll 24 ft.
hydraulic fold chisel
plow.

Straw choppers for com-
bines; JD 4400, 7700,
6600, MF 510, 550.

JD Disks- TWA 12 ft.-14
ft. heavy disk.

Ford 12 ft. Heavy Disk.
Used JD 400 15 ft.
rotary hoes,
Kawannee 22 ft. Wing
Disk.

DRILLS- Used JD 8300
21x7 DD w/press
wheels.

Int. 510-16x7 D.D.
w/Fert. and grass
seed.

MF 43-21 SD grain.
JD B 16 DD w/grass
seed.

Loaders - Used JD 146,
JD 58, Int. 2350, 2250,
like new, also set of
forks, like new MF
#246 like new (new)
G.B. loader, M.F.
loader for \$90 3 pt.
hitch for 630 and 730
JD tractor. (SOLD)
New and Used J.D.
Quick Couplers. 2 Us-
ed 30.5 x 32 tires.

No Til Attachment for
Int. 4 row 400 planter
complete.

TRUCKS - 1979 Chev.
C65 24 ft. rollback
w/61,000 miles, like
new, KW truck trac-
tor fully eq. looks like
new, Delta 44 ft. com-
bine trailer, 1980
Silverado Chevy
diesel w/every op-
tion, looks like new.

(New) NH Direct cut
head for 770. (New)
Kill Bros. gravity
bins. New Kill Bros. 6
& 8 & 10 ton running
gears. Pick up heads
for Int. 550, 650, 350,
Fox pickup head,
(20) sets of dual
wheels all sizes.
JD front & rear weights,
IH front and rear
weights.

For your needs call:

STITZEL
FARM
EQ. INC.

East Windsor St.
& Krick Lane
Hamburg, Pa. 19526
Phone Bus. 215-562-8377
home 215-562-7451

GRUMELLI FARM SERVICE

Quarryville, Pa.
717-786-7318

TRACTORS					
AC 7040D	AC 200	AC CA	IH 300	JD 4010	Case 300
AC 7045D	AC XT190D	AC WD 45	IH 340	JD 70	w/Loader
AC 7050D	AC 180D	AC 5040D	IH Cub Low Boy	JD A	Case 800
AC 7020D	AC 170D	AC 5050D	IH 350	Ford 4000	Case 450
AC 7010D	AC 175D	JD 2010	IH H	MF 65D	Crawler/Loader
AC 7000D	AC D19D	IH 806	IH 140	MF 65G	
AC 440	AC D14			Case 1490	Oliver 1650D

NEW AC L2 COMBINE w/15' Floating Cutter
Bar Head Reduced Price!!

EQUIPMENT

New and Used Miller Discs and AC Discs
(2) 315 NH baler and thrower
269 NH baler and thrower
14T J.D. baler and engine
AC 444 baler and engine
Farmhand grinder & blower
(2) L 425 NH Skid Loaders
731 Bobcat Skid Loader
610 Bobcat Skid Loader
630 Bobcat Skid Loader

1000 OMC Skid Loader
371 Bobcat Skid Loader
70 JD Skid Loader
Thomas Skid Loader
MC 600 Grain Dryer
65' 8" transport Auger
AC L, M, F, G&A Combines
NH 890 Chopper w/2 or 3 Row Head & Pickup Head
IH 830 Forage Harvester
Uni Harvester 708 & 702

FARM EQUIPMENT

For Sale - MF 925 Haybine, 2 years old, excellent condition, 2 knives \$4500. 301-848-7965.

For Sale - Oliver 1850 diesel, wide front, 3 pt. 18.4x34 tires with Oliver front end loader; 200 gal field sprayer; Rhino 3 pt. post hole digger. 717-933-8134.

For Sale Super A with cultivators and side dresser \$2500.00 also International 140 with cultivators and snowplow \$4000.00. 717-677-6760.

For Sale - Generator set, 3-53 Detroit 25-KVA 3 phase, less than 10 hours \$7500. 516-727-1786, New York.

Wanted - Ford LN900 w/or without motor, must have 12,000 lb. front axle w/PS, J.J. Flaherty, St. Joseph H.C.R. #2, Friendsville, PA 18818.

Coming Attractions...

★ **John Deere Farming Frontiers Program**
Wed., Jan. 4th - 7:30 PM
• Lynnport Fire Hall • Prizes & Refreshments
• We Will Be Offering Our Yearly 10/15% Disc. On Parts and Accessories!

★ John Deere Factory Fly-In

February 23rd and 24th
• Waterloo Tractor & Engine Works
• Moline Administration Center
• Harvester Works and Foundry
Ask for Information!

Year-End Savings!

NEW JOHN DEERE EQUIPMENT!

716A Forage Wagon, Complete, K.D. \$6,500
JD Ind. 300B Tractor with Loader, Backhoe Avail. \$19,500 (with Rebate)

NEW NEW HOLLAND EQUIPMENT!

TD 200 13' Disk with 24" Blades \$9,800
30 Blower \$2,750
353 Grinder Mixer \$5,800
1003 Bale Wagon \$9,100

MISCELLANEOUS!

★ Used 60" Ber-Vac Front Mtd. 2-Stage Snowblower, Fits JD 950 Compact Tractor. Also Adapts To Japanese Tractor...Good Cond. — \$775!
★ New 48 HP Diesel Agra Power w/40 Hours, 3 pt. Hitch, 540 PTO — Special \$4,995! (Built by Fiat)

USED JOHN DEERE TRACTOR!

1977 JD 2840, 6 Cyl., 80 PTO HP, with Roll Guard, 158 Loader, Snowblade, 850 Hrs. \$16,500

Brillion • Century • Woods • Vicon • Lely • Tye • Kuhn



John Deere
Lawn & Garden
& Snowmobiles
Many Short Lines
Of Machinery

SPERRY
NEW HOLLAND

New Holland
Machinery
Wheel Horse
Lawn Equipment

KERMIT K. KISTLER, INC.

Serving Our Customers Since 1945
Lynnport, PA 18066
State Highway Rt. 143
Phone 215-298-2011

Nothing runs like a Deere

CLUGSTON IMPLEMENT, Inc.



Holiday Greetings

Merry sentiments for a holiday abounding in joy and goodwill.

NEW TRACTORS

JD 4250 SG, PS, MFWD
JD 4050 SG, PS
JD 2950 SG, MFWD
JD 2950, SG
JD 2550
JD 2350 MFWD
JD 300B Loader & Backhoe
JD 850

NEW HAY & FORAGE EQUIPMENT

NH 782 Fg. Harvester
JD 5440 SP Fg. Harvester, 4 WD, 1180 hrs.
JD 3940 & 3960 Fg. Harvester
JD 347 Baler
JD 327 Baler
JD 430 Baler
NH 311 & 316 Balers
NH 849 Round Baler
NH 488, 495 & 1495 Haybines
NH 256 Rake
JD 670 Rake
JD 660 Rake
H&S Fg. Wagon
H&S Bale Wagon
New Hay Tedders

NEW TILLAGE

JD 950 Roller Harrow
JD 2600 4B Plow
Haybuster No-Til Drill Also for Rent

NEW SKID STEER LOADERS

NH 445, 555
Bobcat 643, 743

NEW SPREADERS

NH 519, 679, 791
Martin 2400 V Type & F1466 Scavengers
H&S 260 & 295 Spreaders

NEW PLANTERS

JD 7000 6 Row Conv.

USED TRACTORS

JD 2030
JD 2030 w/reverser
JD 4010
JD 3020
Farmall A w/Hyd. Lift
MF 265
MF 202
Satoh w/mower

USED CORNPLANTERS

JD 1240
JD 1260 w/monitor
JD 7000 6RN Cons.
JD 7000 6RN w/min. till attach.
White 5400 6RN Plateless

USED HAY & FORAGE EQUIPMENT

Hesston PT10 Mower-conditioner
NH 479 Haybine
JD 2 Row Narrow Corn Heads
NH 2 Row W 880 Head
NH 269 Baler w/Thrower
NH 78 Baler
JD 24T Baler
Hesston 1010 Swing Tongue
JD 640 Rake

USED MISCELLANEOUS

Oliver Fertilizer Spreader
JD 790 Flail Spreader
V1575 Martin Spreader
Post Hole Digger

NEW MISCELLANEOUS

JD 335 Skid Sprayer
Most Model JD Loaders & Blades
Demco Sprayer 600 gal.
JD #27 Flail Shredder

Ask About Waiver of Finance on NH & JD Equipment
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103



SPERRY
NEW HOLLAND



Merry Christmas to All!

Please accept our sincere thanks for your valued friendship and patronage

Stauffer Diesel, Inc.

312 W. Main St
New Holland, Pa



Case 2390 Tractor 1962, Fully Equip., 100 hrs. Dual Wheels, Traded for other Machinery.
Case 1690 Dsl. tractor, no cab, 265 hrs.
Used NI #324 2 Row Wide corn Picker, good shape.
JD 7100 Corn Planter, A-1 shape, set up for fert.
Case 308 Plow at Good price
SC7 Soil Controller
Plus NI 702 Uni-Tractors, mow/dittoners, tractors & spreaders in stock at Good Prices.



Season's Greetings

May you experience the joys of Christmas with those you love
Many thanks.

C. & P. FULTZ EQUIPMENT

RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul



LOVE...FAITH...PEACE

Of these three eternal gifts the greatest is Love. At this glorious season we hope this most precious gift will be yours.

From All Of Us At Norman D. Clark & Son
• Kenneth Kent • Barry Dougherty
• James Gibbons • Fred Uniatowski
• Robert Peterson
• Mr & Mrs Norman D. Clark & Family

NORMAN D. CLARK & SON

Honey Grove, PA 17035 • Phone 717 734-3682
Located 14 Miles South Port Royal on Rt 75

USED TRACTORS

A.C. 7020
A.C. 160
A.C. D17 Series IV
A.C. D17
J.D. 4040
J.D. 3020
J.D. 2640 like new
J.D. 2440 w/145 loader
J.D. 60
I.H. 4166 crab steering
I.H. 460
Case 970 w/cab
Case 870
Case 1210 4WD
Case 995
Case 830

USED COMBINES

A.C. M2, 4 row corn head & 15' platform
A.C. F, 13' platform
A.C. K2, 2 row corn head & 10' platform
A.C. N5 rotary & N6 rotary

I.H. 205, 2 row corn head & 12' platform
I.H. 141

NEW AND USED IMPLEMENTS
New J.D. 445 spreaders
New J.D. 450 spreaders
New N.H. 513 spreader
New N.H. 362 & 367 spreader
3 Used manure spreaders
14 Used square & round hay balers
4 Used hay rakes
4 Used haybines
3 Used plows

Special Savings on all New & Used Farm Equipment plus Free Finance until use season!!
We at Uniontown Farm Equipment Co. would like to take this opportunity to tell you that we are your authorized John Deere, Allis Chalmers, and New Holland dealer and will continue to be your dealer at our present location. It has been a pleasure to serve you in the past and look forward to doing business with you in the future. Thank you ever so much for your support.

UNIONTOWN FARM EQUIPMENT

P.O. Box 1030
Uniontown, PA 15401
412-437-9851

JD 2030 Tractor \$6,250
 Case 970 Tractor \$6,750
 BF Avery Tractor \$750
 Belarus 520 Tractor \$4,500
 Farmall 400, Power Steering \$2,500
 IHC 3414 Loader Backhoe \$4,500

Ed Goodrich Jr.
 Rt 38 & 38B
 Newark Valley, NY 13811
 607-642-8688 or 8519



USED TRACTORS & EQUIPT. IN STOCK
 Used Deutz D-8006, 85 HP, cab & duals, clean, 1240 hrs
 Used JD 4020 Diesel, wide front end
 Used Hay Tedder, Vicon, 10'
 MF 128 T baler/thrower, wide pick-up, shur tie knotter
 John Deere 480 mower conditioner

NEW TRACTORS & EQUIPT. IN STOCK
 D5207 Deutz tractor, 52 h p
 D6207 Deutz tractor, 62 h p
 D6807 Deutz Tractor, 68 h.p
 D7807 Deutz tractor, 74 h p
 DX 120 Deutz tractor, 111 h.p., w/4 post safety frame
 Leon 636 heavy duty front end loader, fits Deutz tractors
 Deutz-Fahr KH300 9.8' Hay Tedder
 Deutz-Fahr KS85 Hay Rake
 Custom-built diesel Gen-Sets made to order
 New & Used Deutz diesel engines at special prices Call for details
 New Deutz F2L-912 diesel engines 20-32 H P electric start

STAUFFER DIESEL, INC.
 312 West Main Street
 New Holland, PA
 PHONE 717-354-4181



Stauffer Diesel Inc.
 312 West Main Street
 New Holland, PA
 PHONE 717-354-4181

FARM EQUIPMENT

FARM EQUIPMENT

**** DECEMBER CHRISTMAS SPECIAL ****
Your Choice \$8500.00 on These (5) Tractors.

Farmall 1066 w/new rear tires, Farmall 766, A.C. 220 w.cab, 1955 Oliver & 870 Case.

730 Case Comfort King, 8N Ford, Jubilee Ford, 600 Ford, 2000 Ford, Farmall 140 w/equip., Super A's w/equip., Farmall Super C w/Fast Hitch, Farmall Super H, Farmall H w/Snow Blade, Super M.T.A. with Snow Blade, A.C.B. w/Plow & Cult., A.C. 5040, New N.I. 213 Spreader, Real Nice N.H. P.T.O. Spreader 3 Beater, Leon Model 808 Quick Tach Loader to fit 130 hp. up tractors. Large selection of New, Used & reconditioned Farm Equip. to fit your farming needs.

MERRY CHRISTMAS & HAPPY NEW YEAR FROM ALL OF US AT
YORK COUNTY FARM & IND.
 Emigsville, PA. 17318
717-764-6412 764-5115



NO. 1 DAIRYING DIESEL

NEW! LOWER PRICE

Since 1968 F2L-912 diesels have earned the reputation as the most reliable diesel. Don't settle for less.

2 Cyl. F2L-912

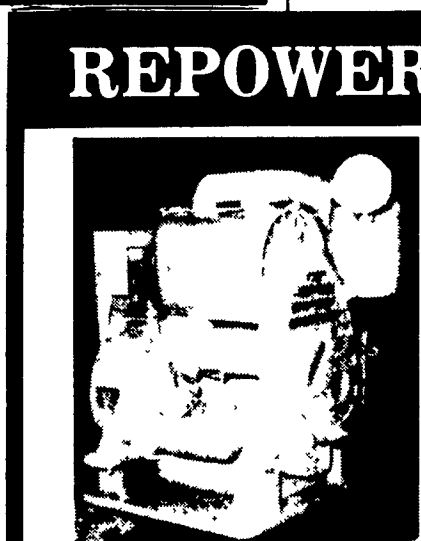
EASIER STARTING: Heavy flywheel provides easy starting. No electric heater plugs.

QUIETER: Runs quieter than most water cooled diesels. Very quiet exhaust.

F2L-912 SPECS: 20 Hp @ 1500 RPM
 25 Hp @ 1800 RPM
 32 Hp @ 2300 RPM

It has direct injection, lube oil cooling, and oil cooled pistons. This engine has proven to survive the extreme heat of a heavy load in a small engine house better than any other engine.

PLUS - FAMOUS DEUTZ FUEL ECONOMY
Stauffer Diesel Inc.
 312 W. Main St. New Holland, PA
 Ph: 717-354-4181
 Retail, Wholesale & O.E.M. Sales



REPOWER SPECIALS

DEUTZ
 F2L-410 Used 2-Cyl. diesel engines for sale.
 Running condition. Warranty limited to exchange for another like engine if not satisfied.
 14 Hp @ 1800 RPM
 20 Hp @ 2500 RPM

With: Starter, Gen, Air Cleaner, Manifolds, Flywheel, Fuel Pump, Filters, and Deep Oil Pan. Approx. New Price \$2600 -
 (Not actual photo) Price Each **\$500**

Stauffer Diesel Inc.
 New Holland, Pa. 17557 (717) 354-4181

DEUTZ
 F2L-410 Used 2-Cyl. diesel engines for sale.
 Running condition. Warranty limited to exchange for another like engine if not satisfied.
 14 Hp @ 1800 RPM
 20 Hp @ 2500 RPM

With: Starter, Gen, Air Cleaner, Manifolds, Flywheel, Fuel Pump, Filters, and Deep Oil Pan. Approx. New Price \$2600 -
 (Not actual photo) Price Each **\$500**

Stauffer Diesel Inc.
 New Holland, Pa. 17557 (717) 354-4181

Wanted - Roller mill or crimper for small grain with or without mixing tank. H. Z. Gross & Son, Manchester, PA. 717-266-3424 or 717-266-2828.

Gehl 120 grinder mixer used 1 year, excellent condition, 201-879-5851, nights 201-584-5054.

For Sale - JD 2520 Diesel, SR transmission, wide front, \$6800, 717-776-7725.

For Sale - Popular 4 Auger stationary mixer with electronic scales used one year. Will deliver and guarantee for less than 1/2 new price. 717-758-2136

"OPEN HOUSE SPECIALS"
December 30-31, 1983 ONLY!!
 All Prices F.O.B. Hughesville, PA
 ALL ITEMS IN STOCK - First Come - First Served

Farnsworth Farm Supplies, Inc.
 103 Cemetery Street
 Hughesville, PA
PH: (717) 584-2106

NEW MACHINERY

2-45 White Diesel 45 h p tractor	*10,000
2-45 White Diesel 4 wheel-drive tractor	13,500
2-88 White Diesel 88 h.p. tractor	21,500
508 White 4 bottom SAR Plow	4,600
508 White 4 bottom CT Plow	3,800
256 White 13 ft. 11 in. Disc	3,900
256 White 17 ft 6 in Disc	5,200
6342 White 3 bottom Roll-Over Plow	3,800
281 White 10 ft. Offset Disc	6,000
425 White 10 ft. Chisel Plow	2,700
353 New Holland Grinder-Mixer	5,700
258 New Holland Rubber-tine Rake	2,500
80 New Holland Bale Handler	325
36 ft. New Holland-Hub Elevator	1,600
32 ft. Zimmerman Elevator with #62 chain	1,350
12 ft. McConnell Drag Harrow	900
20 ft. McConnell Transport Harrow	2,750
5 ft. Hi-Co Rotary Mower	415
Kasten 16 ft self-unloading wagon with three beaters and roof	3,800
Lamco Bale Wagon, 8 ft x 18 ft. square tube frame	900.00
10 Ton A-E-B (electric wheel) Running Gear	475
8 Ton A-E-B (electric wheel) Running Gear	375

LAWN & GARDEN

White LGT 1600 Lawn & Garden Tractor w/44" Mower	1,795 Plus Pa Sales Tax
White 10 cu ft. Lawn Trailer	135 plus Pa Sales Tax
White 38" Lawn Sweeper	275 plus Pa. Sales Tax
White 5 h.p. self-propelled snowblower	500 plus Pa Sales Tax

SEED

WL 220 Alfalfa, per 50 lb	117
WL 331 Alfalfa, per 50 lb	117
WL 313 Alfalfa, per 50 lb	117
WL 316 Alfalfa, per 50 lb	123
WL 318 Alfalfa, per 50 lb.	117
Saranac AR Alfalfa, per 50 lb	111
Certified Arlington Red Clover, per 60 lbs	85

FERTILIZER

5-10-10 Bagged, (per ton)	120
10-10-10 Bagged (per ton)	135
10-20-20 Bagged (per ton)	190
46% Urea Bagged (per ton)	185
10-10-10 Bagged (USS) (per ton)	155
13-13-13 Bagged (USS) (per ton)	182
10-20-20 Bagged (USS) (per ton)	206
8-32-16 Bagged (USS) (per ton)	233

PARTS
 15% Off New Holland and White Parts In Stock

MISCELLANEOUS

Clover Baler Twine, 9,000 ft 10,000 ft	16.75 per bale
Barbed Wire (4 bar) 72 lb. roll	28.00
Bulldozer Electric Fencer	42
#14 Aluminim Shovel, 27" handle	19.00
Self-igniting Torch Kit	27.50
Isotox	6.00 per can

CHEMICALS

CIBA-Geigy Attrex 4L	7.60 per gal
CIBA-Geigy Attrex 80s	1.45 per lb
Atrazine 4L	7.10 per gal.
Bicep 4L	16.50 per gal.
Banvel	42.00 per gal
Lasso	18.00 per gal.
Paraquat	37.50 per gal
Dual	45.00 per gal
Roundup	72.00 per gal
Furdan 4L	45.00 per gal.
Princep 80W	2.50 per lb.
Princep 4L.	12.50 per gal
24 D Amine	9.50 per gal
Bladex 80W	2.75 per lb
Bladex 4L	15.00 per gal
Furdan 10G	.85 per lb
Furdan 15G	1.28 per lb.

NOTICE TO ALL FARMERS

If you have a problem in tractors, all brands, concerning stiff hydraulic, differential, hydrostatic or wet brake system slipping, we can solve it on your farm.

Also very good on automatic transmission slipping or sticking reverse

Reasonable Rates
 Must inquire to appreciate. Will travel any distance.

F & S Service
717-687-8412

SPECIAL OF THE MONTH
 New JD 2600 5-Bottom Spring Reset Plow
 List \$9686
Sale \$7000. No Trade

NEW TRACTORS

JD 650 MFWD
 JD 750 MFWD
 JD 2350
 JD 2640
 JD 2750
 JD 2950
 JD 2950 MFWD
 JD 2950 MFWD & Cab
 JD 4050 RG, PS
 JD 4250 Cab, PS

NEW EQUIPMENT

JD 7000 Cons. Planter 4 Row Dry Fert
 JD 7000 Cons. Planter 4 Row Liquid
 JD 712 Mulch Tiller, 11 ft. 3 in.
 JD 1610 Chisel Plow, 8 or 10 ft.
 JD 950 Roller Harrow, 12 ft.
 JD 1250, 3-16" Plow
 JD 1250, 4-18" Plow
 JD 415 Rotary Hoe
 JD 1209 Mower-Cond., 9 ft.
 JD 1326 Mower-Cond.
 JD 327 Baler w/30 Ejector
 JD 430 Round Baler
 JD 567 Wheel Rake
 JD 450 Hydra-Push Spreader
 JD 240 Loader w/73" Bucket
 JD 66 Forage Blower
 JD 716A Forage Box
 JD 506 Rotary Cutter, 5A.
 JD 709 Rotary Cutter, 7 ft.
 JD 5 1/2 & 7 ft. Hay Pick-up

USED EQUIPMENT

JD 1520 Gas Tractor w/145 Loader w/Roll Guard & Canopy
 JD 307 Rotary Cutter
 JD 3 14" Plow
 JD 246 Corn Planter, 2 Row
 FB-A Grain Drill, 13x7
 JD #18 Corn Picker 3 Pt. Sprayer
 IH Cub Lo-Boy w/5 ft. Woods Belly Mower
 JD 850 Tractor w/Turf Tires, 112 hrs.
 JD 60 Skid Steer Loader, like new
 JD 70 Skid Steer Loader
 Case 1537 Skid Steer Loader
 JD 216 Forage Box w/1065 Wagon
 Badger Forage Box w/3rd Beater & Roof
 Hesston 1090 Haybine, 9 ft. 3 in.
 JD 480 Mower-Conditioner
 JD 640 Rake, 8 1/2 ft., 5 Bar, Sharp
 JD 40 Spreader w/Rear Pan
 JD 54 Spreader w/Hyd. Endgate
 JD 7000 4 Row Planter w/Coulters, Dry Fert.
 JD 694A 6 Row Planter w/Hyd. Markers
 Case 5 Bottom Plow
 JD 65 Rear Blade, 7 ft. like new
 Speeco Post Hole Digger
 Star Post Hole Digger
 Flatbed Utility Wagon
 JD 2 Row Wide Corn Head

Miller-Lake, Inc.
 R.D. #2 Box 273A
 Belleville, PA 17004
Ph. (717) 935-2335



FARM EQUIPMENT

For Sale - Custom built 2 row corn planters using J.D. Max-Emerge units. Pull-type or 3 point with or w/O fertilizer attachment. No-till or conventional. Pequea planter. Gideon F. Stoltzfus, RD#2, Box 2276 Gap, Pa. 17527.

FARM EQUIPMENT

975 New Holland combine 3 row corn head, 11 foot grain head (3) 6000 gallon fiber glass tanks. 814-355-4612.

Wanted Good Condition - IH 990 Haybine w/steel upper roll. 215-932-8173 after 6 P.M.

(2) Oliver 1 row PTO potato diggers on rubber, quantity 1 JD 1 row PTO with engine mount, on steel, wheels, 717-687-0102.

For Sale - 1500 gal. Snyder poly storage tank. New Condition. 717-653-5359 or 717-426-3135.

1981 White 8700 Combine 400 hrs. air heat 15' flex head 4 row wide corn head straw chopper monitors \$52,000. 609-397-3778.

Wanted Oliver-60 tight fender, Sandstone drinking trough, 1948 Ford Truck radio. Chester Co. phone 315-326-4640.

For Sale - Gehl 960 forage box, like new, \$4400; White 5400 air planter, with monitor, \$1600, 717-733-0575.

CARTS AND SCRAPERS

Carts with Farm Built Wheels
1 Year Guarantee



FOR SALE

Auto turn carts and five angle scrapers Reassemble with two bolts

Scrapers \$175
Carts \$285

with brake \$245

without
Scraper good for barn yards, stones & snow

10% Discount On Hay Rakes



FOR SALE

Hayrakes made any size from 6 to 16 ft.

\$19.00 a ft.

6-8-10 ft. in stock

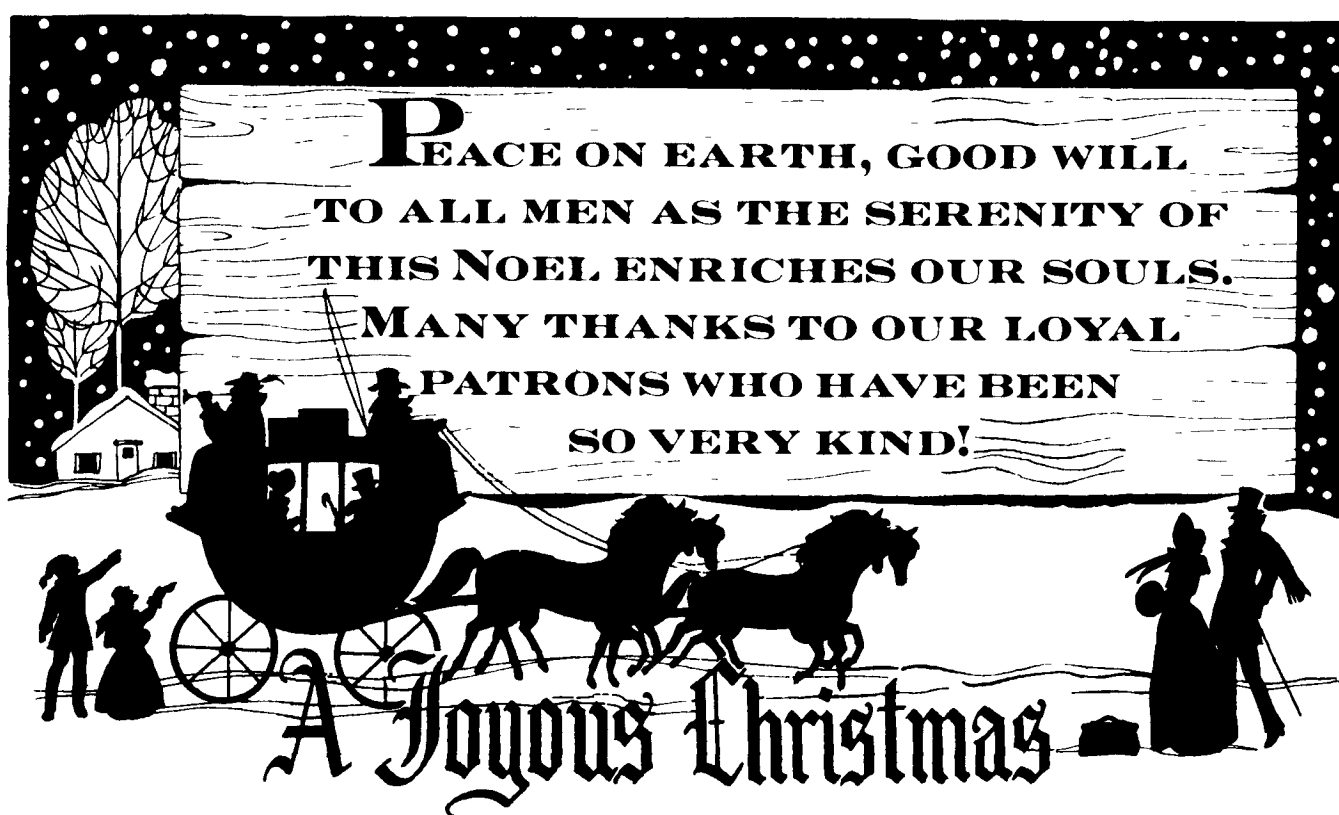
Used Pipe Size From 1/2x6 half price

Many Other Styles Hayrakes In Stock

Any Size Gates Made To Your Needs

SAMUEL F. STOLTZFUS

RD 1 Box 199
Christiana, Pa. 17509
at Bartville



**PEACE ON EARTH, GOOD WILL
TO ALL MEN AS THE SERENITY OF
THIS NOEL ENRICHES OUR SOULS.
MANY THANKS TO OUR LOYAL
PATRONS WHO HAVE BEEN
SO VERY KIND!**

A Joyous Christmas

ABC GROFF INC.

Since 1890
110 S. Railroad Ave.
New Holland, PA 17557



JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE



CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE

**summer bonus
BONANZA**

Looking for a good used tractor? See our selection and take advantage of finance charge waiver to March 1, 1984

* Availability of John Deere financing subject to approval of credit.

OUR SELECTION OF USED TRACTORS

JD 4440 Dsl, Quad, S.G. Body A/H w/JD 260 H.D. Hyd., Ldr.

JD 2940 Dsl, TSS Hi-Lo Trans.

JD 2640 w/Roll Guard and Enclosure

JD 4430 Dsl, P/S, SG Body A/H

JD 2630 Dsl, Row crop util.

JD 1530 Dsl, w/Sauder Loader

JD 3010 Dsl, Row Crop

JD 2510 Dsl

JD 730 Dsl

MF 1085 Dsl

MF 65 Dsl, Row crop

MF 135 Gas, P/S, Hi-Lo

Ford 600

Ford 8N

DEUTZ 6807A Dsl., Cab, MF

WD, AM-FM, tape

CASE 430 Gas w/Hyd. Loader

PRICES SLASHED

WISHING YOU A MERRY CHRISTMAS AND A PROSPEROUS 1984

USED MANURE SPREADERS

NI 218 Tandem 8 ton w/Hyd End, Top Beater priced at	\$3550
NI 218 Tandem 8 ton w/Hyd End reduced to	\$3000
NI 224 Tandem 10 ton w/Hyd End reduced to	\$3295
NI 214 w/216 Flail, Mech End reduced to	\$1395
NI 213 w/217 Sngl Btr, w/Hyd End reduced to	\$1395
NI 213 w/217 Sngl Btr reduced to	\$1195
Several NI 206 Ground Driven priced to sell	

NI 206 SPREADERS NEW IDEA 95 BU. GROUND DRIVEN SPREADERS



206 New Idea Spreader
Available With or
Without Steel Wheels
With or Without Endgate Att.

WE HAVE A FULL LINE OF NEW AND USED LAWN/GARDEN AND SNOW EQUIPMENT

**WINTER REPAIR SPECIAL
FREE ENGINE OIL CHANGE
WITH TRACTOR REPAIR WORK
\$100 MINIMUM**

10% OFF



On all John Deere Service Work
On Farm Tractors and Farm
Machinery -
No Minimum-Thru March 1, 1984

DISCOUNT APPLIES TO ALL SERVICE WORK DONE IN OUR SHOP INCLUDING HAULING, LABOR, AND JOHNE DEERE PARTS USED PERFORMING THE JOB.
☆ FIELD SERVICE EXCLUDED ☆

Make all your farm machinery repairs now to avoid wasting valuable time and money in the busy Spring. Our mechanics are experts...call soon! - (717) 291-1046

By Appointment Only
Sorry we cannot offer discounts on credit sales

Repair Financing Available Thru JDFF
Credit Approval Required



LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601

Phone -717-291-1046



Special Of The Week

Demos
**BADGER LIQUID
MANURE PUMPS**6 ft. 8 ft.
\$1600 \$1900

EQUIPMENT FOR SALE OR LEASE

BADGER3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure WashersOswalt Mix Wagons
Grain Drill with band seeder
Also:
Registered Holstein Bulls**SHOW-EASE STALL CO.**573 Willow Rd. Lancaster, Pa.
Ph: 717-299-2536**USED TRACTORS**AC 175 D w/loader
AC D14 w/loader
AC 170 Diesel
AC 190XT w/cab
AC 7040 power shift
AC 7040 power director
AC 200
MF 165 w/loader
MF 1080
Ford 901**New Tractor
Special**AC 6140 2 spool valve
power change
wheels

List \$15,100 Sell \$10,900

**New Hay
Equipment
Special**MF 925 Mower
Conditioner

List \$8200 Sell \$4495

**USED
EQUIPMENT**Gehl 600 Harvester w/
heads
Gehl 800 Harvester
w/heads
Gehl 72 Flail
Harvester
Gehl 95 Grinder Mixer
Gehl 2600 Skid Loader
MF Rake - Balers
New Idea 324 Sheller
JD 10' Chisel 3 pt
Bush Hog Soil Hog 9
shank
IH Forage Box
Kasten Forage Box**New Tillage
Equipment
now in stock**AMCO disc harrow
Glenco Soil Savers
Glenco Field
Cultivators
AC Disc Harrows
Bush Hog Chisels &
Soil Hogs
Tye No-Til Drills**Peterman Farm Equipment**

717-249-5338 or 249-2150

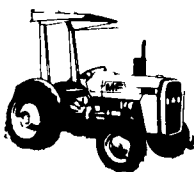
Farm & Lawn Equipment -
Chain Saws225 York Road
Carlisle, PA 17013**Used Equipment Specials...**Case 646 Loader and Backhoe
Used wood splitters
Woods 80" 3 pt. Rotary Mower \$750
B 7100 4 Wheel drive Kubota,
500 hrs. Was \$4,500... Now \$3,995
PiX tone 30" Stone Picker \$595**New Equipment Specials...**Yanmar 15 HP 2-WD \$3,695
Yanmar 15 HP 4-WD \$4,100
AMCO Disk \$4,495
Landoll 7 Tooth Chisel Plow \$1,500
Fuerst Flexible Tine Harrow \$650
500 Gal. Field Sprayer, 35' Boom \$1995
3 pt. Cordwood Saw
3 pt. Hookup Cement Mixer**MARTIN HARDWARE &
EQUIPMENT CO.**1 1/2 M. south of Schaefferstown, Pa.
on Rt. 501

Phone 717-949-6817

Open Mon.-Fri. 8 to 8, Wed. 8 to 12; Sat. 8 to 5

Hesston 7650 4 whl.
drive SP
Fox 3310 pull type
NI 802 Uni w/Harvester
Auto Roller Mill-Blower
TILLAGE EQUIP.
Hesston SS9 Soil Saver,
Demo
Bush Hog 1560 Soil Hog
5, 7 & 15 Shank
USED TRACTORS
White 2-155 4 Whl. Drive
1982 500 hrs.
Oliver 1850 tricycle
Oliver 88
Oliver 77
Ford 6000 Dsl.
Farmall M
Hesston 480 4 WD., - 45
h.p., w/loader
Case 1210
Case 430 w/Loader
IH 544 Gas, wide Front
End
Hough 25B Loader
w/52" bucket**USED TRACTORS**AC D15 series 2, 3 pt., 7030 w/cab, 7000 w/cab,
200, (2) 190XT w/cabs, 190 w/loader, 175D, 5050,
D 19 gas, D 17 w/loader, D 17 gas / diesel, D 15,
WD 45, D 10 w/mower, FORD 4000 w/loader,
(2) 2000 w/loaders, 801 Powermaster, 800, 601
Workmaster, 8N, JD 2440 w/loader, 3020
Diesel, power shift, side console, 4020 w/cab,
3010, 2640D, B w/cultivator, MF 135 gas, power
steering, 640 hrs., 265D, 175D, (2) 165, 150, 50, 35
w/loader, Ferg 30, IHC Farmall 140 high
clearance, w/cultivator, 544 Gas, 504 w/3 pt.,
364 D, 806D, 230 s/c, Super A, A, Cadet
w/mower, Kubota M-4500 4WD tractor
w/loader.**MANURE SPREADERS**Large Selection USED (2) NI 214's, 213, Flail
w/gate, NH 518, 512, 670 w/gate, NH 362 Barrel
Spreader, 202 Gr Drive, JD 465 Barrel Hyd
Slide Top, Starline 830 Roto Spreader Hyd Top,
Hawk Bilt 157 Barrel, Better Bilt Vacuum
Liquid Manure Tank, Plus wide Selection of
NEW Spreaders - over 50 units to choose from
including Hedlund Martin's Low profile side
spreader w/50' pattern.**FEEDING ACCESSORIES**USED NH 352 & 358 Grinder Mixers, GEHL
Mix All, Gehl 940 3 beater chuck wagon w/roof,
IHC 1150 Mixer Mill, Farmhand Tub Grinder
F890, Hesston Stack Processor 10, Hesston
Stack Mover 10W, NEW Ubler Silage & Grain
Carts, Regrinder Blowers, USED NH Hay &
Grain Elevators, NEW Zimmerman Elevators,
Various Used Forage Wagons, Like New IHC
110 w/roof, 3 beater Chuck Wagon.**INDUSTRIAL**JD 401 A Loader, (2) JD 440 Skidders, AC H3
Loader, AC 840 articulated pay loader, AC 715
D Tractor Loader Backhoe, AC 715 B, Grizzley
3 pt. backhoe, MF 30 Loader, IH 500 Dozer w/6
way blade, Industrial MF 165 Tractor w/angle
snow plow, Ford 4500 tractor loader, 3 pt., PTO
and cab, Bobcat 610 skid steer w/Deutz Diesel
engine, just rebuilt.**MISCELLANEOUS**Used 8' Brillion Cultipacker Seeder, Large
GMC Power Unit w/PTO Clutch, (3) 2 row
Potato diggers, IHC 1 row Potato digger, Tree
Transplanter, Wide selection rotary mowers,
sprayers, planters and other equipment, Bush
Hog 9' plowing disk, Miller 12' plowing disk, JD
disk harrow, shaver post driver, snow &
material scraper blades, NH 256 & 258 side
rake, very good cond. Various loaders &
buckets, large selection of lawn spreaders. Call
us for specials. JD 9' snow plow, Myers ST-90
power angel, Myers tractor mount ST-84 snow
plow, reset Plows- IHC and Fords, 3 btm., 3 pt.,
JD 4 btm. 3 pt., AC 4 & 5 bottom, Ford 4 & 5 btm.Call Us For Your Snow Plow NEEDS
Largest USED Selection in Area.**SPECIAL PURCHASE**NH Skid Steer Loader, Only 150 Hours,
Very Good Condition, Manure and
Material Buckets, Excellent Buy.
\$8,975TO ALL OUR CUSTOMERS
AND FRIENDS
WE WISH YOU A VERY
MERRY CHRISTMAS &
A HAPPY NEW YEAR**MARSHALL MACHINERY INC.**5 Miles East of Honesdale, Pa.
On Rte 652 Phone 717-729-7117

Sales & Service

for AC, NI, HESSTON
KUBOTA, BRILLION, STARLINE**SPECIAL**Bervac 87" 3 pt.
Snow Blower**STOLTZFUS
FARM SERVICE**Cochranville, Pa.
215-593-2407**TRACTORS & EQUIPMENT**MF 180 Dsl. Tractor
Ford 4000 Tractor
Ford 4000 Turf
Tractor
Ford 3500 Tractor &
Loader
MF 150 Tractor
AC D17 Dsl. Tractor
IH Tractor & Loader
w/Forklift Attch.
MF 760 Combine
w/Attchs.IH #46 Baler
IH 440 Baler
NH 315 Baler
NH 269 Baler
w/thrower
NH 510 Manure
Spreader
NI 213 Manure
Spreader
Hesston PT10 Mower
Cond.
JD Grain Drill**NEW M.F. EQUIPMENT**MF 285 Tractor
MF 245 Tractor
MF 1010 Tractor
MF 20 Turf Tractor
MF 236 Loader
MF 236 Loader to fit
MF 184-4 Tractor
MF #43 2B Plow
MF 820 Disc Harrow
MF 520 disc harrow
(2) MF 320 Disc Har-
rowsMF 226 Scraper Blade
MF 227 Scraper Blade
MF 18 Scarifier
Scraper Blade
MF 124 Baler
w/Thrower
MF 218 3 pt. Rotary
Cutter
MF 222 Scraper
Blades**S.G. LEWIS
& SON, INC.**R.D. 2 Box 66 West Grove, PA
215-869-2214**Yuletide Greetings
FORRESTER FARMS**1337 Lincoln Highway East
Chambersburg, PA 17201

Phone: 717-263-0705

Sales - Parts - Service

New Long 610, DT
64 HP
New Long 510,
48 HP
New Long 460,
41 HP
New Long 510,
64 HPNew Long 310
DTC, 28 HP
New Long 310
28 HP
Long 1550 loader
Long 1549 loader
Used 1576 Irriga-
tionAlso check year end Nu-Way Irrigation
Sale on model numbers 1576, 1560,
1820, 1553 & 1554.There is a price rollback from Long to
1981 prices.

No interest charge until April 1, 1984

Interest charge is at 8 3/4% after April 1,
19841/4 Mile East of Exit 6 I-81 on U.S. 30
Hours: 8:30 - 5:00 Mon. - Fri.
8:30 - 12:00 Saturdays

★ ★ SPECIALS ★ ★

**TRACTORS
PLOWS****RAKES
FORAGE****WAGONS
BALERS****S.G. LEWIS AND SON, INC.**

RD #2, Box 66, West Grove, Pa.

215-869-2214 or 215-869-9440

SPECIALSSNH #782 Forage Harvester w/#824 corn head \$12,400
SNH #718 Forage Harvester w/#824 corn head \$9,650
SNH #25 Blower \$1,600
SNH #8 Crop Carrier w/roof & 238 wagon \$7,100**HAY**

SNH #451 Mower w/7' Cutter Bar \$1,860

Don't be fooled by lower prices on "will-fit" parts. The management of other brand
dealerships recognize the value put into genuine Sperry New Holland parts and service.This is what made Sperry New Holland the leader and No. 1 in hay and forage
equipment. When a problem arises or you need parts or service, call your authorized
Sperry New Holland dealer.

TRACTOR EXTRAVAGANZA

Special reduced prices on all John Deere models in stock. Good variety available with many features. Quick delivery.

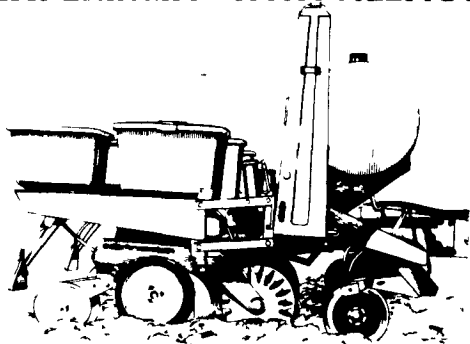
Only one left
in stock
\$40,500
No Trade



40 SERIES LEFTOVER CLEARANCE SALE

Model 4440 powershift, sound guard body with air, duals available. This tractor must go. Waiver of finance till May 1984.

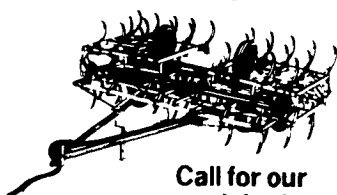
EXPERIMENT WITH TILLAGE



This Max-Emerge conservation planter works in nearly all field conditions. Save Up To **\$7500** in JD Rebates. Waiver Of Finance Until April 1984.

TRANSPORT AND STORE EASILY

Wide-working John Deere field cultivators fold up and over for easy transport, easy storage.



Call for our special price on 18' model. Waiver of Finance Until March 1984.

LEVEL YOUR SLOPES



Maximize crop savings on slopes with a John Deere SideHill 6620. Up To **\$5200** In John Deere Rebates Available On This Model.

This is a used equipment clearance - we need to generate cash!!

This Week's Used Equipment Specials

JD 2520 gas, wide front, repainted, extensive repairs made
\$5,500

1979 6650 Fox self-propelled harvester w/rear wheel drive, heater, 3 row corn head & hay pickup
\$26,000 no trade

IMPLEMENTS

Tractors

JD 4020 diesel, wide front, power shift
JD 4630 tractor, cab, air, quad range trans.
JD 8640 tractor, repossessed, low hrs., cab, air
JD 4230 tractor, quad range trans. w/Sound Gard body
JD 4230 tractor, quad range w/rollguard
JD 2520 w/WFE, gas, side console

Used Hay Equipment

479 NH haybine
PT 10 Hesston mower conditioner
1209 JD mower conditioner
24T JD baler w/model 30 ejector

Combines

JD 6620 combine w/643 corn head and 200 series flex platform, power rear wheel drive repossessed, exc. condition
JD 6620 combine w/643 corn head and 200 series flex platform, repossessed, exc. condition
JD 4400 combine w/443 corn head and 13' platform
AC L2 combine w/6 row corn head and 15' flex platform
1981 JD 7720 combine w/643 corn head & 215 flex platform, 4 WD, only 850 hrs.

JD 7700 w/643 corn head, 216 platform
JD 443 corn head
JD 95 combine, engine completely overhauled w/4 row wide corn head & 13' platform

Other Implements

7000 6 row JD planter, liquid or dry fert.
1240 4 row JD planter, dry fert.
1440 4 row JD planter, dry fert.

PARTS FOR NEW HOLLAND HAY EQUIPMENT SEASON END CLEARANCE SALE

Receive 20% discount on all knives For Sperry-New Holland haybines Models 479, 489, 495 & 1495

Discounts will also apply to guards & knife head bushings

DEERE'S COMMITMENT TO YOU

At John Deere, your new machine buy has a solid backing of parts, service, and good trade-in value

BUY NOW...

PAY NO FINANCE
CHARGES ON THESE
MACHINES UNTIL SPRING 1984

OXFORD GREENLINE, INC.

Hours: 7:30 AM - 5:00 PM
thru Fri.
7:30 AM - 12:00 PM
Sat.

RD 1, Oxford, PA
215-932-2753
215-932-2754

PRICE

John Deere design,
dependability
and dealers
make the difference



1976 JD 2640 diesel with independent PTO 15.5x38 tires
1979 International 684 diesel Utility
1970 MF 135, gas
JD 7,000 Max Emerge, 4RN Plateless and herbicide, like new
JD 750 Grinder mixer, 1,000 RPM
Brillion 14' Stalk Chopper
Brady 12' Stalk Chopper
International #540 4x16 Semi MTD plow
International 450, 3x16 3. point manual trip
NH #328 single beater spreader with tailgate
NH #256 rake, like new
1855 Oliver, 3 speed
Ford 6700 diesel
4020 JD 1970 differential lock, \$7500
4020 JD 1964 power shift, \$5500
2030 JD diesel \$5500
MF 285 diesel \$7500

Horning's Farm Machinery
Ephrata, PA
717-733-7408

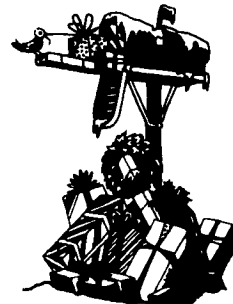


SPECIAL
New NI 323 Picker
New NI Manure Spreaders

USED EQUIPMENT

Oliver 1850 Tractor
MM U302 Tractor
White 5100 4R Planter (Excellent)
JD 1250 6R Planter
White 264 12' 2 disc harrow (new)
MM 4B Semi Mtd Plow
White 508 4x18 SAR Plow
Ford #101 3 x 14 Plow (Excell)
Noble 25' Field Cultivator
Hesston 1014 Windrower
MM 3496 Combine, Cab, 2R Head, 12' Grain Head
White 8600 Combine, dsl. hydro, air
NI 709 Uni 4WD w/838 husk unit
JD 24T Baler w/thrower
MF 120 Baler w/thrower
1068 Haybuster no-till drill (demo)
AC 6 Row 30" Corn Head, like new
Fox 728 2R Corn Head
Better Bilt 1100 Gal Liquid Spreader
Ford 10 h.p. Garden Tractor w/42" mower
Ford 7 h.p. Garden Tractor w/34" mower

We are Your
Certified
Better-Bilt Dealer



Greetings

May your Christmas hold many wonderful surprise in store!

STANLEY'S FARM SERVICE

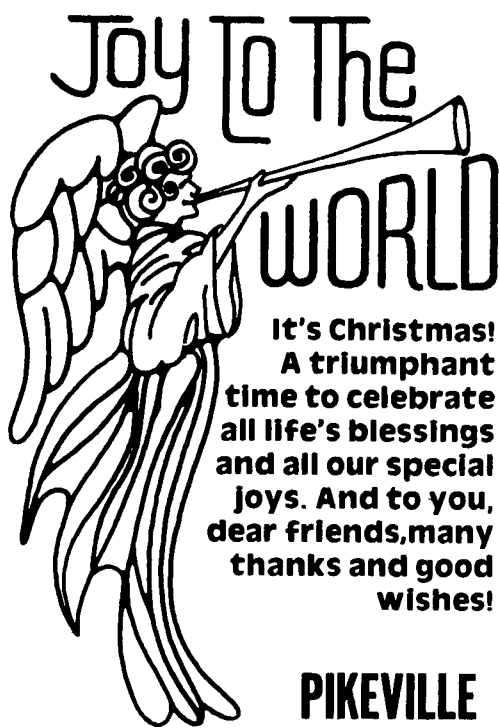
RD Box 46
Klingerstown, PA
717-648-2088

FARM EQUIPMENT

FARM EQUIPMENT

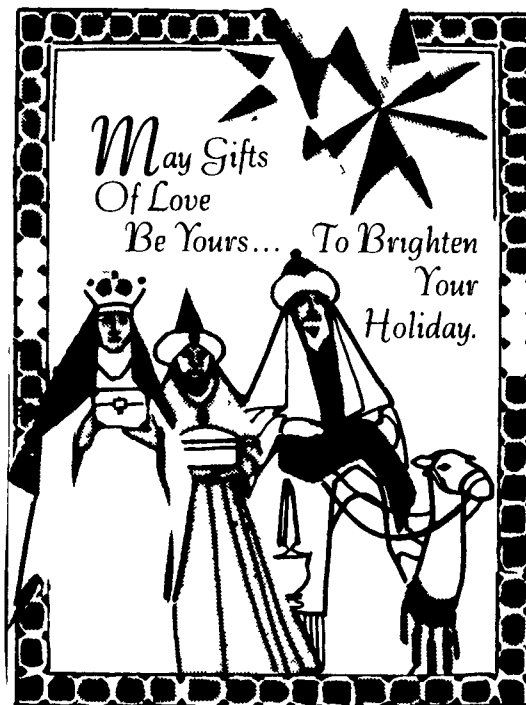
FARM EQUIPMENT

FARM EQUIPMENT



It's Christmas!
A triumphant
time to celebrate
all life's blessings
and all our special
joys. And to you,
dear friends, many
thanks and good
wishes!

**PIKEVILLE
EQUIPMENT**
RD 2 Oley, PA



**FARMERSVILLE EQUIPMENT
INC.**

RD 4, East Farmersville Road
Ephrata, PA 17522

**MERRY
CHRISTMAS
TO
ALL!**

And to all a Bright
Holiday Season! Thanks



**LAMB'S FARM
MACHINERY**
Thorndale, PA
Phone 215-269-2676

PUMPS

IRRIGATION - WASTE - MANURE - FIRE - INDUSTRIAL

NEW & USED

Parts & Service

Gorman-Rupp, Hale, Berkeley, Marlow,
CMC

PVC PLASTIC PIPE

REYNOLDS ALUMINUM PIPE

Irrigation, Repairs & Gaskets for:
RACE, WOSCO, WADE, IRRECO,
CHAMPION, SHUR-RANE, McDOWELL,
RAINBOW, A-M AND OTHERS

SPRINKLERS: Rainbird, Nelson, Skinner

MURPHY SAFETY PUMP CONTROLS

"We Deal in Solutions"

EECO, INC.

4021 N 6th St., Harrisburg, PA 17110
717-238-9423

SWOPE & BASHORE, INC.

Year-End Machine Inventory Reduction
Sale — New & Used

Special Prices Without Trade-Ins — Ask! New & Used!

Tractors NEW

IH 5088 Tractor
IH 5288 Tractor
IH 5488 Tractor
IH 3288 Tractor
IH 584 DRC
IH 684 DRC
IH 244 D

Tractors USED

Farmall 806 D
Tractor
Cab for 966 or 1066
IH F966D
IH F766G
IH F460D
IH F400D
Ford 860
JD 2440 w/Loader
MF 65D w/Loader
AC WD 45
JD 1010
IH 234D

Plows USED

Lely Power Harrow
JD 314 Plow
IH 211 Plow
IH 312 Plow
IH 311 Plow
IH 411 Plow
IH 560 Plow
Oliver 2F Trail Plow
JD 314 Plow
IH 450 Plow
IH 550 Plow
IH 531 Plow
Case 4F 16"

Combines USED

SP IH Corn &
Grain
SP IH #91
SP MF #35

Combines NEW

1460 Axial Flow

Tillage USED

IH Vibra Shank, 3 pt.
IH Vibra Shank Trail
Dunham 10'
Cultimulcher
Brillion Spring Tooth
IH #24 Offset Disc
IH 122 3 pt. 8' Disc
IH 500 Disc, 15'

Spreaders USED

NH 214 Spreader
Hawk Built 187
Spreader
Starline Spreader
Hesston Agitator

Skid Loaders

Bobcat 543
Bobcat 500
IH 3200
Case 1740D

Planters

IH 400 Cyclo 6R
IH 400 Cyclo 4R
AC 600 No-Til 4R
JD 1250 6R
IH 6200 Press Wheel
Grain Drill
Ontario 13x7
JD 393A 4R
IH 449 4R
IH 56 4R
JD FBB Drill 15x7

Forage Equip.

JD 34 Harvester
JD #6 For Harvester
IH #16 Combine
IH #46 Baler
JD #14T Baler
NH #40 Rake
NH 23 Blower
IH 990 Mow. Cond
Papec Forage Box
IH 440 Baler &
Thrower

★ Check Our Snow Tire Clearance Prices! ★

Pre-Season
Service
Savings **in** **PARTS VALUE OF THE MONTH**

SAVE!

**10% CASH DISCOUNT
ON ENTIRE JOB**

(Parts, Labor And Transportation Charges)
SCHEDULED THRU DEC. 30th
Financing Available



**INTERNATIONAL
AGRICULTURAL
EQUIPMENT**

Call Now To Schedule Your Pre-Season
Repair Work Done By Swope &
Bashore's Experienced Mechanics.
Have Our Specialists Check Your
Equipment Now To Be Set For The
Spring Season Without Expensive
Downtime!

**CALL DELMAR STAUFFER
1-800-692-7467**

To Arrange An Appointment

★ We Ship Parts UPS Daily or Can Deliver — Call Us For Details! ★

**Swope
& Bashore, Inc.**

Under New
Management

OPEN MONDAY TO FRIDAY
7 AM To 5 PM
SATURDAY 7 AM To 11:30 AM

RD 1, Myerstown, Pa.
Located 1 Mile S. of Int. 78 & 6 Miles
N. of Myerstown on Rt. 645 in Frystown
PHONE: 717-933-4138

Area Codes 215 & 717 Call Toll Free 1-800-692-7467

ALL PURPOSE FEED TRAILER All Metal Construction



Hitch
Slide away
hitch to
prevent
cattle
from injury

Jack
Fold up
bulldog
for easy
hookups

Bearings
Tapered roller
bearings for
long lasting
& easy towing

Reflectors
SMV sign for
safe towing
on highways

- * Length 24' & 30' + hitch
- * Cattle can eat out of all 4 sides
- * For feeding in pasture or barnyard
- * Suitable for feeding cows, heifers, steers etc.
- * Ideal for feeding from bulk silo or Ag Bag
- * Easy to tow behind pickup or tractor.

Priced At

24' — **\$695**

30' — **\$825**

BARTVILLE WELDING SHOP

Rt. 1, Christiana, PA
(at Bartville) 17509
Call Bob Miller
717-687-8217

LEROY ZIMMERMAN

Rd 2, Box 148
Ephrata, PA 17522
717-859-3118

BEHOLD!



*His birth inspired
all mankind with
renewed faith and
hope. May you
each experience
the inner serenity
and enlightenment
that this special
holiday brings.*

To all of our Customers and Friends,
**CHRISTMAS GREETINGS
AND A**

**JOYFUL NEW YEAR
MESSICK FARM EQUIPMENT INC.**
RHEEMS EXIT - RT. 283 ELIZABETHTOWN, PA

FARM EQUIPMENT

1972 Ashley rubber tired front end loader. Also has mounts for grader, make offer, 215-385-3884.

For Sale - IH 1456 w/cab, duals and PTO, good condition. 717-464-3697.

IH 656 wide front 3 pt. 814-793-4293.

MF 175 diesel, wide front, multi-ower. 814-793-4293.

For Sale - Franklin County, PA - 1972 JD 4620 with 18.4 x 38 duals, side console, no cab; JD 220 17' x 1" centerfold disc with tine harrow, rock flex gangs; 1982 Glenco SS 9 soil saver; JD F350 6 x 16 auto reset plow, furrow hitch, JD 58 loader, complete; 400 gal. Kuger saddle tank sprayer with disc kit for liquid fertilizer, complete 1 year old. 717-273-1872, prefer evenings.

NH 45' Elevator . . \$1050
225 Bu. Field Tank . \$250
Danhusser Post Hole Digger . . . \$400
Mighty Mac Skid Loader . . . \$3250
NH #33 Chopper . . \$950
NH 27 Blower . . . \$550
JD 60 Tractor . . \$1800
WENTZ FARM SUPPLY
Palm, PA 215-679-7164
Case 2290, 130 HP, cab, air, heat, 1100 hours. 717-328-5746

NI #12 manure spreader. Syracuse 2 way plow, exc. cond.; AC C tractor. 717-949-3074.

JD combines: 2 - 55's with cab, 1 - 45 with cab; Oliver tractor - 1950-T with cab Columbia County. 717-925-2411 or 717-925-2006.

JD 4020 diesel, power shift, dual hydraulics, engine rebuilt. 717-532-7054.

Real nice 8N Ford Tractor, painted and good condition, 717-949-6501, ask for Dave.

New Ford TW 15 2 wheel drive, with cab, get three year warranty, call for end year close out ask for Rick Stauffer, 717-949-6501.

Clay manager ranger, electric silage cart, like new, used less than one year. 717-949-3074.

FARM EQUIPMENT

FARM EQUIPMENT

SUPREME BATCH MIXERS
New and Used. 60 bushel Capacity.
Includes Eaton Electronic Scales
VIRGINIA SILO CO.
703/879-2541



MESSICK FARM EQUIPMENT, INC.

Farm Equipment Is Our Business
RHEEMS EXIT, RT. 283, ELIZABETHTOWN, PA.

Phone: (717) 367-1319

Warren Spickler-Home 653-4560

We Ship UPS

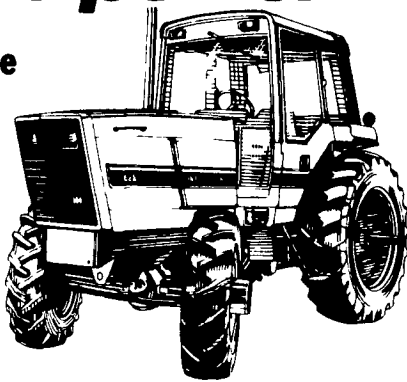


Go power!

IH 5288
All Wheel Drive

160 PTO hp

Farmers
#1 Choice

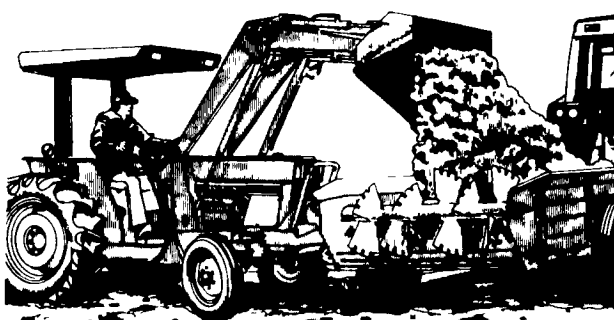


The New IH Tractor
gives you #1

- Performance
- Productivity
- Reliability

WAIVER OF FINANCE TILL MARCH 1, 1984
OR CASH REBATES OR TRIP TO ENGLAND

INTERNATIONAL 584 TRACTOR



2250 QUICK-ATTACH LOADER

GOOD USED TRACTORS

- IH 1086D w/Cab & Air
- IH 1066D w/Cab New Rubber

INTERNATIONAL 595 SPREADER



- HYDRAULIC ENDGATE
 - UPPER BEATER
 - SPLASH GUARD
- All This For **\$8500.00**

Plus

CASH REBATE OR
WAIVER OF FINANCE

TRACTORS

IH 1086 w/cab (excellent)
IH 656D, Hydrostatic Drive
Farmall H
IH 574 D Tractor

SPREADERS

IH 3 Beater 160 Spreader
NH 365 Tank Spreader
New Idea 243 w/Gate
NI Model 214 3 Beater
Spreader, Excellent
Condition

TILLAGE

Glencoe 13 shank Chisel
JD 350 6 bottom auto reset Plow
Brillion 10 Ft Packer
IH 311 plow
IH 37 Disk Harrow
Athens 9 Shank High Clearance
Chisel Plow
Glencoe 7 Shank Soil Saver
Brillion 9 Shank High Clearance
Chisel

MISCELLANEOUS

JD 3 Section Rotary Hoe
New Idea 1 Row Pull Type Corn
Picker
NH 354 Grinder Mixer
NH 352 Grinder Mixer
NH Model 155 Elevator, 24 Ft
Lilliston 72" Rotary Shredder
IH 2355 Loader, Demo

PLANTERS

IH 800 4 row corn planters, dry fertilizer, monitor, insecticide, excellent condition Don't Miss This Good Buy Waiver Till Next March 1984
IH 400, 6 Row, Monitor, Fert Attach, Insecticides, Fully Equipped
IH 56, 4 Row, Fert
Int 56, 2 Row
Ontario 16 Disc Grain Drill (Nice)

HAY & FORAGE EQUIPMENT

NH 268 Baler & Thrower
JD 24T Baler & Thrower
Used N H 1495 S P Haybine w/12 Ft Rolareel Header Ex Condition
NH 469 Haybine
NH 495 Haybine, 12' Rolareel End w/Transport, Ex Condition
NH 27 Whirlfeed Blower
JD 3800 Harvester, 2 Row Cornhead & Pickup Att
Gehl Model CB600 w/2 Row Cornhead & Pickup Attach
IH Model 56 Blower, H D PTO
IH Model 60 Shredder, 6 Narrow Rows, 4 Transport Wheels, Cylinder & Hose (Excellent)
IH Model 56 Blower, New Band

NH Model 890 Forage Harvester w/Electric Controls, New Knives, 2 or 3 Row Cornhead & Pickup At tachment
NH Model 1469, 9 Ft Self-Propelled Haybine w/Ford Engine
NH 479 Haybine, Excellent
Int 555 Harvester w/2 Row Corn Head
NH 234 Wagon w/Fotation Tires, Adjustable Tongue
NI 4 Row Shredder
NH 278 Baler w/58 Thrower
NH 38 Flail Chopper, Excellent
Badger Silage Box, Tandem Axle, Like New

SKID STEER LOADERS

NH L425 Skid Loader
NH L775 Diesel Skid Loader
Owatonna Skid Loader, 38 HP, Water Cooled

A GOOD SELECTION OF USED EQUIPMENT

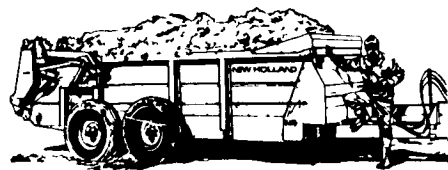


STRONG-BOXES

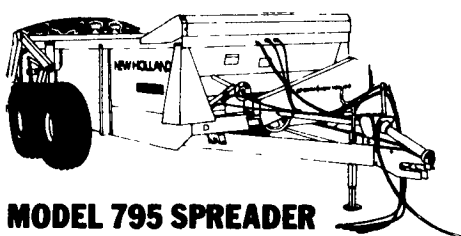
FROM THE SPREADER LEADERS
8 MODELS TO CHOOSE FROM



MODEL 791 SPREADER
360 Bu., Extra Heavy
Pintel Chain



MODEL 800 SPREADER
Gigantic 510 Bu.
Largest in the Industry



MODEL 795 SPREADER
410 Bu., Double T-Bar
Chain



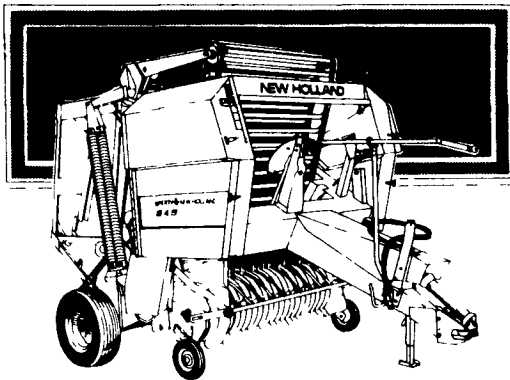
**NH L445-THE IDEAL
SKID LOADER
FOR ALL SIZE
SPREADERS**

Super Boom-
The Loader
with the
Extra Reach

WAIVER OF FINANCE
ON SPREADERS TILL
APRIL 1, 1984

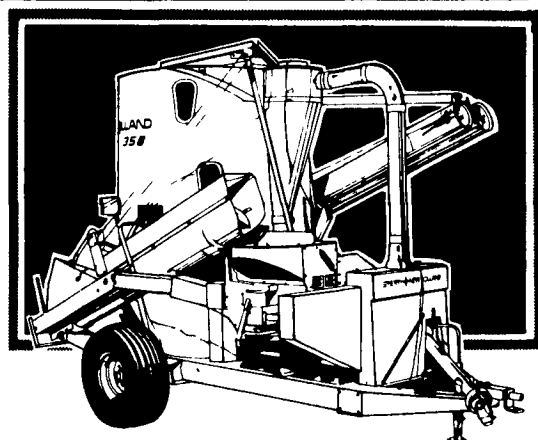
OR LOW RATE
FINANCING OR
CASH REBATES

STIHL
THE WORLD'S LARGEST SELLING CHAIN SAW



N.H. 849 Round Baler (Corn Fodder Special)

Perfect
Bales and
Unmatched
Capacity



The
Feed
Processor

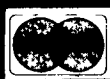
**NH 358
GRINDER-MIXER**

- 21" Hammermill
 - 125 Bu. Tank
 - Hydraulic Drive
 - Optional: Scales
- MODEL 355 AND 353 MILLS ALSO
IN STOCK AT A GOOD PRICE**

MESSICK FARM EQUIPMENT, INC.

RHEEMS EXIT - RT 283, ELIZABETHTOWN, PA
PHONE: 717-367-1319, 653-8867
WARREN SPICKLER - HOME 653-4560

★ WE SHIP UPS

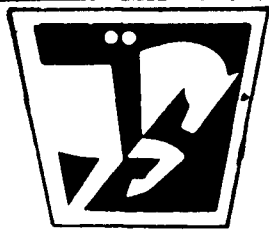


**THE NEW GLENCOE®
SOIL SAVER**
With More Trash Clearance

We Specialize In Glencoe®
Soil Savers
Check With US For Special Prices

Used 7 Tooth Glencoe In Stock, Good Cond.




**WISCONSIN
ENGINES**
Sales and Service

 Rebuilt VG 4 Wisconsin
for N.H. Skid Loader
\$1150.00

**NEW
AND
USED
FARM
MACHINERY**

**ADAPTABLE TO
MOST APPLICATIONS**
**SALES & SERVICE
MILLER'S REPAIR**

 1 Mile North of Bird-in-Hand
8 Miles East of Lancaster
RD1, Bird-in-Hand, PA Ph: 717-656-6109

SMITH'S IMPLEMENTS, INC.

 Mercersburg, PA 717-328-2244
NEW MACHINE SPECIALS

 JD 2440 Tractor
JD 6620 Sidehill Combine

USED MACHINERY

 JD 4040 Tractor w/148 loader, SG, PS,
Air, Radio, 1359 Hrs. \$29,000.00
7000 JD 4 Row Dry No-Till
Planter \$6,000.00
1440 JD 4 Row Dry No-Till
Planter \$3,200.00
JD 336 Baler w/30 Ejector
(like new) \$4,200.00
JD #716 Wagon w/1275 running gear,
roof & 3rd btr., 10 ply tires, real
nice \$6,500.00

 Plus Several Good Disks & Plows
To Choose From

USED EQUIPMENT
TRACTORS

 Case 1370 Cab-Air-
Heat 24.5x32
Radio
Case 1090 18.4x38
(New) Power Shift
Case 1170 Cab-Heat 8
Spd. 20.8x38
Case 900 w/Pulley
Case 2090 Cab
Cub Lo Boy

NEW IDEA

 325/314 Picker Sheller
323 Pickers
325/327 Pickers
702 G Power Unit
702 D Power Unit
710 Combine
743 N Head
767 Harvester
738 4RN Head
272 CutDitioners

FORAGE

 Fox HA Harvester
JD 3800 Harvester
Hesston Blower
JD 115 Forage Box
Farmhand Rake

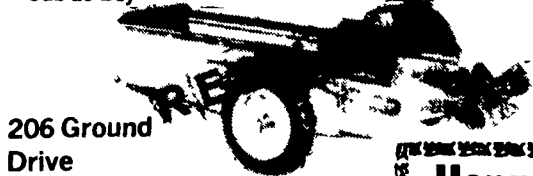
MISCELLANEOUS

 Case 12' Disc Harrow
Wetmore 878 Grinder
Mixer
Case 1800 Chisel
ArtsWay 420 Grinder-
Mixer
Brillion 12 ft. Chisel
JD 310 Disk

LOADERS

 Uni Loader Broom
1845 G
Hough Wheel Loader
H60
White Backhoe
MF 20C Tractor
Loader
Mustang 330 Skid
Steer
580C Loader-Hoe

SPREADERS

 NI 206 NI 224
NI 213 NH 371 Flail
NI 214

 206 Ground
Drive
Spreaders
In Stock

Happy Holidays from All of Us
A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521


BRANCH

 Rts. 309 & 100
New Tripoli, PA
(215) 767-7611
Mon.-Fri. 7:30 A.M. - 5:00 P.M.
Sat. 7:30 A.M. - 12:30 P.M.

★ 3 LOCATIONS ★

 Trumbauersville to Finland Rd.,
Quakertown, PA
(215) 536-1935 or 536-7523
Mon.-Fri. 7:30 A.M. - 9:00 P.M.
Sat. 7:30 A.M. - 4:00 P.M.

NEW HOLLAND

BRANCH

 Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon.-Fri. 7:30 A.M. - 5:00 P.M.
Sat. 7:30 A.M. - 12:30 P.M.

TRACTORS

 AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC 7000 D w/cab
AC 190XT D w/cab
AC WD45
AC WD
JD 4020 PS
JD 4020 D
JD 4010 D w/PS
JD 4010
JD 60
JD B
IH 986 w/cab, air,
only 1400 hrs.,
EXCEL!
IH 460 D
Farmall 400
Ford 4000 D, to hrs.
MF 50 D
Long 560 D, to hrs.
MM G1000 D
Case 630 w/loader

FEED CARTS

 (2) Weaverline 223 Elec. Feed
Cart, 24 BU.
(2) Weaverline 330 Elect. Feed
Cart, 30 BU., A-1!

**THREE Great SPECIALS on all
USED TRACTORS & COMBINES**

- 1.) LOW PRICES
- 2.) TPD WAIVER
- 3.) LOW FINANCE

Call us today before you buy anywhere else!

TILLAGE

 AC 2300 Disc Harrow-15' Fold
up
JD 13' Transport Disc
JD 11' Transport Disc
IH 13' Transport Disc
JD 10' Cultimulcher
AC 2000 5B Semi-mt. Plow
Oliver 6B Spring Trip Plow
(2) AC 80 Series 4B Mounted, 3-
pt. Plow
Brady 10 Tooth Chisel Plow,
w/gauge wheels, like new!
Vicon 14' Power Harrow, demo!

MANURE SPREADERS

 JD 34, 150 BU., Brand New
(2) NI 218, 265 BU.
(2) NI 214, 206 BU.
(3) NI 213, 176 BU.
NH 676, 325 BU.
NH 516, 175 BU., 3 beater
NH 510, 160 BU.
NH 213, 140 BU.
Farmhand M165, 125 BU.
Badger BN240, 180 BU.
NH 365 Tank
(2) Hawk Bilt 207 Tank

COMBINES

 Gleaner N5 w/15' floating grain &
630 corn heads
Gleaner MKS w/13' grain & 630
corn heads.
Gleaner F2 Diesel w/cab, air, 13'
grain & 438 corn heads.
Gleaner K w/cab, 10' grain & 238
corn heads
Gleaner CH w/13' grain & 438
corn heads
Gleaner All w/cab & both heads
Gleaner All w/12' grain head
Gleaner E w/cab & both heads
JD 8820 w/950 hrs., cab, air &
heat, 15' floating grain, 830
corn heads, like NEW!
JD 55 Special w/cab, 12' grain &
330 corn heads
JD 55 w/12' grain & 338 corn
heads
JD 45 w/both heads
JD 45 w/grain head
MF 300 w/11' grain & 238 corn
heads.
IH 315 w/cab, grain & corn
heads.
NH 975 w/11' grain & 238 corn
heads.
NI Uni-System 702 w/717 com-
bine, 4-row corn head
NI 767 Chopper w/702, 2-row
corn head & 761 Pick up
Head

Eckroth Bros. Farm Equipment

 RD 2 Box 24A
New Ringgold, PA 17960

717-943-2131

7:30-5:30 Mon.-Fri. 7:30-4:00 Sat.


**HOLIDAY
GREETINGS**

 May this bright Christmas
be filled with happiness!

NEW EQUIPMENT SPECIALS

 IH 5088 Tractor (rental unit, 250 hrs.) \$34,000*
IH 540 Manure Spreader \$3,300*
IH 781 Forage Harvester w/2 R Corn Head \$11,500*
IH 1190 9' Mower Conditioners ea. \$6800
IH 425 T Baler \$5800*

* Cash rebate or waiver of finance available

USED COMBINES

IH 815 combine w/2 heads 205 IH combine w/2 heads

USED EQUIPMENT

 Leyland 270 Diesel
Leyland 384 Diesel
Ontario grain drill
#56 Blower, nice
674 diesel, exc. cond.
T5 crawler, real nice
NI #402 hay rake
430 IH baler
#16 IH for: ~~SOLD~~ harvester
NI 214 manure spreader
706 IH tractor

 During the Holiday Season
our thankful thoughts turn
to those who have
made our year successful.

SEASON'S GREETINGS

 from
C. J. WONSIDLER BROS.
"Charles"


C.B. HOOBER & SON, INC.

Intercourse, PA

Is Having A

BUSINESS CONSOLIDATION

AND INVENTORY REDUCTION

YEAR-END SALE

TUES., DEC. 27th thru SAT., DEC. 31st

PUBLIC AUCTION- FRIDAY, DECEMBER 30th

Listen To Charlie Hooper...

There Will Be Bargains For Everyone!

A year ago in November we purchased the IH dealership in Middletown, Delaware and consolidated it with our Steiger and Krause business in Sudlersville, Maryland to form Hooper Equipment Inc., Middletown, Delaware. This left us with a duplication of equipment, shop tools, parts and much more. We are going to sell these excess items at auction.



This auction sale also gives us the opportunity to reduce and balance our other inventories of machines and parts. Selling these excess items will make room for new and better inventories of tractors and machines.

I appreciate your supporting us in the past years and I want you to know that the items we offer for sale we want to sell. So come prepared to buy. There will be bargains here for everyone.

Charlie Hooper

For Complete Public Sale Listing See page D37

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE



C.B. HOOBER & SON INC.

INTERCOURSE, PA

717-768-8231

★ Call Us - We Probably Have It ★ Will Ship Same Day Via UPS-PPSH-BUS-AIR FREIGHT, Etc.
Radio Controlled Trucks For Better Service



PUBLIC SALE

ON

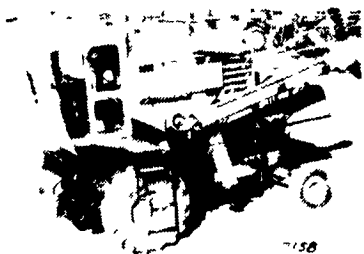
**FRIDAY,
DECEMBER 30th**

SALE STARTS AT 9:00 AM- SHARP!

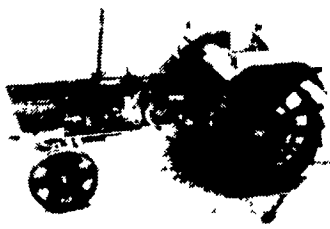
Small Items Will Be Sold Inside Our Shop

First 50 Buyers Will Receive A Free Lunch

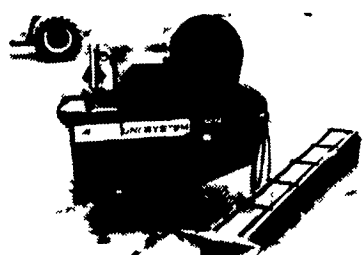
EQUIPMENT WILL BE SOLD AT 1:30 P.M.



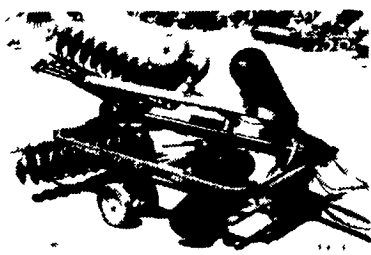
U7158 AC F Combine, Gas
13' Hdr.



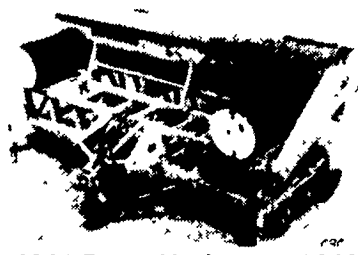
W8627 Deutz D5506-5
Tractor, Steel Wheels



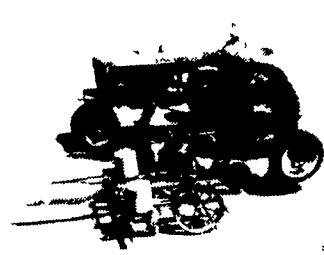
U8748 NI 737 Husking
Bed, 12' Roll For Uni-System



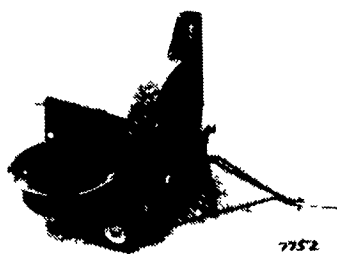
8439 JD 220 Disc, 20'



6901 Demo Haybuster, 1068
No-Till Drill, 10'6",
8" Spacing



W8546 AC WD Tractor,
14.9x28



U7752 NH 27 Blower



V8333 Walsh Peek-A-Boo
Sprayer, 210 Gal. 21'



U7321 Brady 1680 Flail
Chopper, 14'



W8053 IH 1456 Tractor,
18.4x38, New Paint

LISTING OF OTHER EQUIPMENT TO BE SOLD AT AUCTION

NEW EQUIPMENT

18' Bale Wagons w/Running Gears
IH 720 5F - 18' Auto. Plow
IH 720 4F - 18' Auto. Plow
IH 55 11' MTD Ch. Plow
IH 4500 - 16'6" & IH 4500 - 12'6" Field Cult.
Two IH 350 - 10'6" Disc
2 Krause 16' Rockflex Disc
Eight - IH 295 Planter Units
IH 3 Row Unit for 830 Harvester
Krause 21' Field Cult.
Krause 7' & 9' Chisel Plows
1068 No-Till Hay Buster Drill
Lely Fert. Spreader
Brillion 5' Grass Seeder
Pequea 7' PTO Hay Tedders
Grimm - 7' PTO & Ground Drive Hay Tedders
Century 240" Wick Applicator

USED EQUIPMENT

T1946 Ford 4 Row Cultivator 4 Row Mtd.
T2625 IH 1F Plow Beam Only
T4440 IH Farmall A Plow 1 Bottom, Farmall A
T6033 A/C 3300 Disc 24' Offset
T6493 Glencoe SSP-11 Chisel Plow 11 Shank,
Soilsaver

T7049 Krause 2413 Disc 3 Bar Harrow
T7413 Oliver 252 Disc 10'6" Wide, 9" F & 8" R,
Spacing, 18" F 19" R
T7649 IH 53 Cultivator Tool Bar, Only
T7849 IH Farmall-Mta Cultivator 2 Row-Mta
Tractor
T7850 IH Farmall-H Cultivator 2 Row, H Tractor
T7945 IH 710 Plow 4F, 16" Auto, Semi-Mount
w/Coulters
T7949 IH Farmall A Plow 1F, Mounted, Left-
Hand
T8066 Koehn Eliminator 1 Wac-A-Trac (2)
Extensions
T8412 Krause 1112 Disc 12'
T8666 Hugo 14 Roller Transport
T8760 IH 531 Plow 3F - 16" 3 Pt.
U1259 IH 650/550 Hay Pickup
U2060 Gehl FB-88 Blower
U2319 IH 650 Harvester, Direct Throw
U3641 AC 440 Cornhead, 4 Row
U4144 IH 650/550 R/C Unit 2R Wide Row
U5373 MF 300 Combine Gas 2 RCH, 13'
Platform
U5445 NH 717 Harvester, 741 1R Ch, Cutter-
bar Header

U7104 IH 815 Combine Diesel, 763 Cornhead &
13' Platform
U7324 IH 650/550 R/C Unit 2R W/N
U7826 NH 120 Mower, 7' Cutterbar
U7981 IH Fast Hitch Mower, 7' Cutterbar
U8061 AC 480 Blower 540 RPM
V2453 IH Manure Fork For 3300B
V6654 IH 400 4RW Planter Dry Fert.,
Insecticide
V7555 JD 3 Pt., 150 Gal. Sprayer Boom
V7734 Century Super 7 Wick Applr. 240"
V8276 Snyder 200 Gal. Sprayer Saddle Tanks
W6801 Sauder Ford 8N Loader
W6823 Sims 74 Series Cab
W7213 Sauder 444 Loader
W7870 IH Farmall H Tractor
W8229 IH 966 Tractor 18.4x34 & New Paint
W8305 IH F450G Tractor WF FH Rws.
W8534 Long 445 Tractor
W8571 Kelly 475 Loader Super-C Mt.
W8634 Yeararound 210 Cab, AC
W8683 IH B414G Tractor w/101 Ldr.
W8759 IH F706D Tractor NF, 3 Pt, Ta.

**—This Is Not A Complete List Of Equipment For Sale—
There Is Much, Much More**

All Items Subject To Prior Sale

For Complete Public Sale Listing See Page D37

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE



C.B. HOOBER & SON INC.

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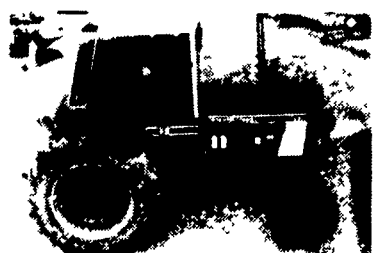
SALE

SALE EQUIPMENT SPECIALLY PRICED ON WHITE TAGS

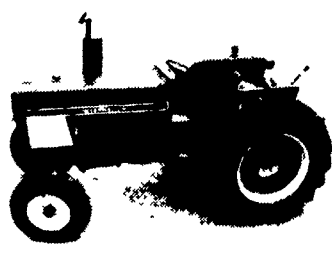
SALE

ALL WEEK LONG - DEC. 27th - DEC. 31st

THIS EQUIPMENT IS NOT BEING SOLD AT AUCTION



W7951 F1086D Tractor



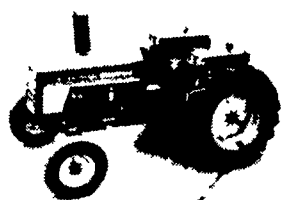
W8684 IH 84 Hydro Tractor



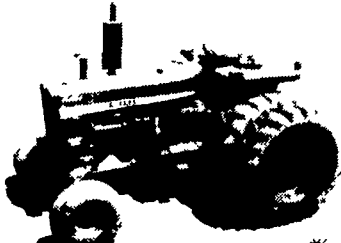
W8626 Case 2670 4WD Tractor



W8729 IH F1086D Tractor



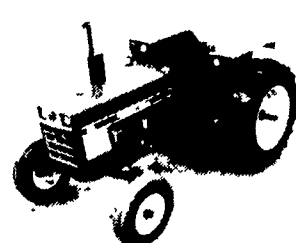
W8756 IH 574D R/C Tractor



W8307 IH F1456D Tractor



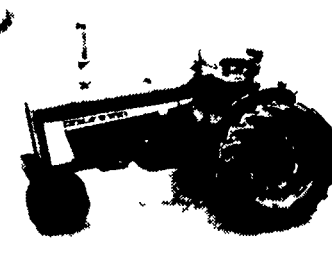
W8070 IH F966D Tractor



W8165 IH 1584D R/C Tractor



W8754 IH F886D Tractor



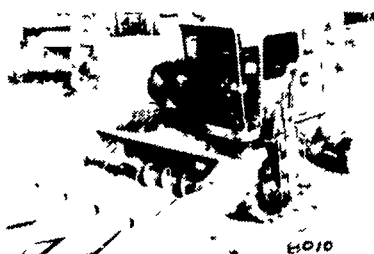
W8759 IH F706D Tractor



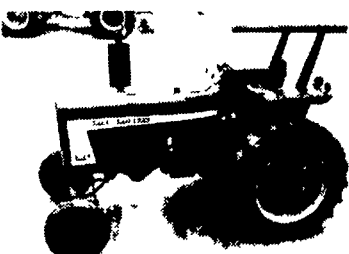
IHF1066D Tractor



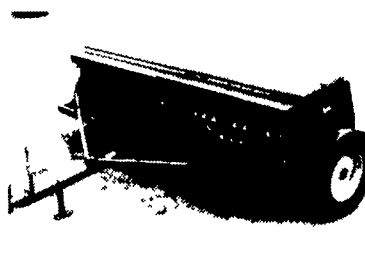
IH 3588 2+2 Tractor



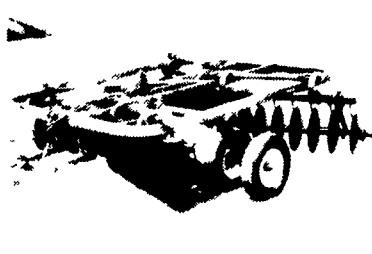
8010 MF 510 Combine Diesel w/1143 Cornhead



W8647 IH F856D Tractor



V8747 JD 8300 Drill, 23x7 w/Grass Seed



T8616 JD 210 12' Disc w/22" Blades

USED EQUIPMENT NOT ON PUBLIC AUCTION

All Used Tractors And Equipment Specially Priced On White Tags During Sale Week

USED TILLAGE

T7322 IH Cub Plow
T7892 IH 710 Plow
T8034 Deere 110 Disc
T8166 Deere BW Disc
T8187 Tebbins 13 Shank Subsoiler
T8204 Krause 2413 Disc
T8363 IH 550 Plow
T8366 IH 510 Plow
T8439 Deere 220 Disc
T8568 Lilliston 4 Row Cultivator
T8570 IH Super-C Plow
T8616 Deere 215 Disc
T8652 White 271 Disc
T8690 Rotary Hoe 12' Rotary Hoe
T8693 Glencoe 13 Shk. Chisel Plow
T8745 IH 490 21' Disk
T8827 IH 2F-14" Plow

USED HARVESTING EQUIPMENT

U4260 IH 700 Platform
U4638 IH 810 Platform
U4639 IH 810 Platform
U5152 MF NA Platform
U5799 IH 810 Platform
U5817 IH 744 Cornhead

U6474 IH 844 Cornhead
U7064 IH 863 Cornhead
U7138 IH 915 Combine
U7222 MF 510 Combine
U7719 AC A438 Cornhead
U7737 JD 6600 Combine
U7754 Cornsaver 844 Cornsaver
U7789 IH 810 Platform
U7818 IH 715 Combine
U7819 IH 844 Cornhead
U7904 JD 4400 Combine
U7923 IH 810 Platform
U7936 IH 863 Cornhead
U7961 IH 915 Combine
U7963 IH 1480 Combine
U7964 IH 883 Cornhead
U8010 MF 510 Combine
U8014 IH 820 Platform
U8037 IH 944 Cornhead
U8138 IH 863 Cornhead
U8172 IH 1460 Combine
U8311 McCurdy Wagon
U8457 IH 715 Combine
U8512 MF 300 Combine
U8542 IH 1480 Combine
U8543 IH 1480 Combine

U8544 IH 883 Cornhead
U8545 IH 883 Cornhead
U8599 IH 100 Mower
U8641 MC 180SB Shredder
U8654 MF 750 Combine
U8659 IH 720/830 R/C Unit
U8668 IH 863 Cornhead
U8673 IH Cornhead
U8688 IH 810 Platform
U8697 IH 843 Cornhead
U8719 Kools KB1000 Blower
U8724 IH 1 Pr. Cornpicker
U8738 IH 810 Platform
U8742 MF 510D Combine
U8754 IH 403-12' Platform
U8772 Woods 80-5 Mower
U8782 IH 810 Platform
U8798 IH 844 Cornhead
U8799 IH 203C Combine
U9057 IH 37T Baler
U9493 IH 744 Cornhead

MISCELLANEOUS

V6975 IH 10 Drill
V7567 IH 510, 21x7CM Drill-Grn
V7666 IH 400 6RN Planter
V7720 AC 600 6 RN Planter

V8298 JD 7000 4RW Planter
V8563 IH 56 4RN Planter
V8607 Oliver Superior Drill-Grn
V8679 IH 5100 21x7 Drill
V8681 IH 5100 21x7 Drill
V8682 IH 5100 2 Drill Htch
V8747 JD 8300 Drill
V8751 Reynolds 8CR Scraper
V8769 FMC 1229TM Sprayer
V8770 FMC Volute

USED TRACTORS & ACCESSORIES

W4228 IH Hydro 186 Tractor
W7372 IH 1466 Tractor
W7379 IH 1456 Tractor
W7741 2250 Loadr. 65" Bucket
W7798 IH 2000 Loader
W7799 IH 2000 84" Bucket
W7821 IH 4120 Skid Loader
W7844 IH F450D Tractor
W7857
W7951 IH 1086 Tractor
W8040 IH 966 Tractor
W8042 IH 2350 Loader
W8045 IH 1454G Tractor
W8070 IH 966 Tractor
W8165 IH 584 R/C Tractor

W8243 Deutz DX140 Tractor
W8283 Kubota L245D Tractor
W8307 IH 1456 Tractor
W8379 IH 4166 Tractor
W8536 IH Farmall M Tractor
W8569 IH Super C Tractor
W8626 Case 2670 Tractor
W8628 JD 4020D Tractor
W8633 IH F1026D Hyd. Tractor
W8647 IH F856D Tractor
W8684 IH 84 Hydro Tractor
W8694 NI 504 Loader
W8729 IH F1086D Tractor
W8756 IH 574D R/C Tractor
W8826 IH F460G Tractor

USED LAWN & GARDEN

X7039 Echo SRM140DA Weedcutter
X7947 IH 1000 Cub Cadet
X8376 Ranger RM-35 Mower
X8377 JD 110 Lawn Trac.
X8378 IH 60 Cub Cadet
X8415 IH 105 Cub Cadet
X8416 IH 127 Cub Cadet
X8518 JD 110 Lawn Trac
X8705 IH 102 Cub Cadet
X8723 Hahn PHDT124 Tiller
X8836 IH 382 5 Snd. Cub Cadet

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

C.B. HOOBER & SON INC.

INTERCOURSE, PA

717-768-8231

★ Call Us - We Probably Have It ★ Will Ship Same Day Via UPS-PPSH-BUS-AIR FREIGHT, Etc

Radio Controlled Trucks For Better Service



PARTS DEPT. SPECIALS

WEEK OF DECEMBER 27TH - 31ST**Tillage Tools And More**

PLOW PARTS

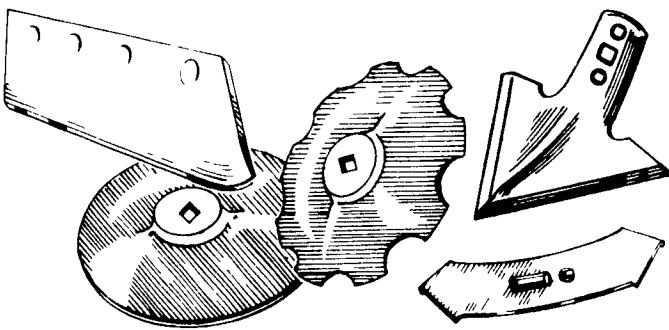
<u>Shares</u>	<u>List</u>	<u>SALE</u>
• 463240R2	\$10.80.....	\$8.19
• 463236R2	\$14.31....	\$11.17
• 463252R2	\$14.31....	\$11.17
• 463237R2	\$14.84....	\$11.25

<u>Shins</u>	<u>List</u>	<u>SALE</u>
• 132001C1	\$10.02.....	\$7.59
• 522325W	\$8.50.....	\$6.50

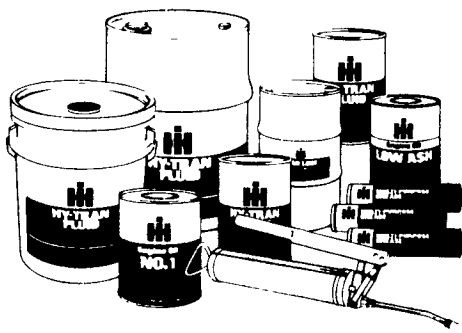
<u>Moldboard</u>	<u>List</u>	<u>SALE</u>
• 132000C1	\$70.74....	\$55.20
• 462314W	\$55.00....	\$42.25
• 488265W	\$64.00....	\$49.50

<u>Landslide</u>	<u>List</u>	<u>SALE</u>
• 59057C1	\$13.74....	\$10.72
• 59058C1	\$8.79.....	\$6.85
• 59057W	\$10.80.....	\$7.95
• 59058W	\$6.50.....	\$4.85

Down to Earth Sale!

on quality IH tillage parts

OIL

**BULK HY. TRANSMISSION****ONLY \$3.95 Per Gallon****Bring Your Own 55 Gallon Drum**

DISK BLADES

<u>Blades</u>	<u>List</u>	<u>SALE</u>
• 482973R1, 20" 7 Ga - 1 1/8 Squarehole ...	\$24.57.	\$17.01
• 482975R1, 22" 6 Ga. 1 1/8 Squarehole \$31.30....		\$23.73
• 30-159, 22" 6 Ga. 1 1/2 Round	\$38.09....	\$28.50
• 30-127, 22" 1/4" - 1 1/2 Round	\$49.05....	\$36.75
• 30-136, 24" 1/4" - 1 3/4 Round	\$58.54.	\$43.90
• 30-13, 24" 5/16" - 1 3/4 Round	\$89.27.	\$62.50

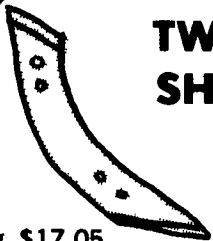
PLOW COULTER

• 17".....	\$24.29....	\$19.39
• 20".....	\$36.54....	\$25.00

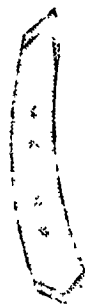
Glencoe® THREE PIECE SHOVELS

**Moldboard**
List \$14.52**SALE \$11.40****Points**
List \$8.25**SALE \$6.40****Frog**
List \$8.15**SALE \$6.30**• 124L Reg. \$17.05
SALE \$9.95• 125R Reg. \$17.05
SALE \$9.95

4 INCH TWISTED SHOVEL

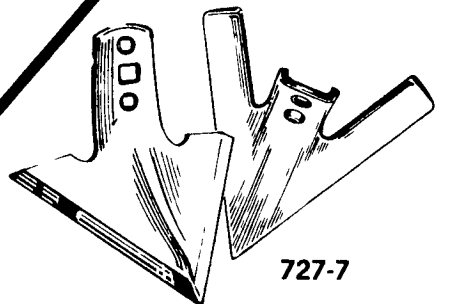
• 1235L List \$11.55
SALE \$7.50• 1235R List \$11.55
SALE \$7.50• 3/8 Thick
• 383L... List \$9.13
SALE \$6.99• 383R..... List \$9.13
SALE \$6.99

3 INCH TWISTED SHOVEL



List \$4.40

SWEEPS



727-7

SALE \$3.50**10% CASH DISCOUNT ON ALL OTHER PARTS
Purchased During Week Of Sale****MERRY CHRISTMAS****...And May This Season Bring Much Cheer To
Your Home and Heart in Every Way. Very
Sincere Thanks, Too.****FROM EVERYONE AT****C.B. HOOBER & SON INC.****INTERCOURSE, PENNA.****(717) 768-8231**

MERRY CHRISTMAS

SPECIAL - CHRISTMAS PARTS DISCOUNT - SPECIAL

- 15% - One Parts Order, Minimum of \$500 per Customer.**
Cash Only
- 10% - One Parts Order, minimum of \$300 per Customer.**
Cash Only

No other discounts will apply to this special order

Ends December 31, 1983

SPECIAL T.L.C. SERVICE SPECIAL

9% Discount December 1983

On all labor or equipment repairs scheduled to be performed in our shop.

On all IH parts used to repair equipment in our shop.

We work on all makes. financing available.

**PLUS FREE HAULING UP TO A 50 MILE RADIUS
DURING DEC. 1983**

**Announcing Waiver of Finance on New and Used Tractors and
Equipment plus Low Prices.**

584 diesel utility, 16.9x28 rear tires, 52 HP	14,500
584 diesel, 4 wheel drive, 52 HP	17,600
684 diesel row crop, TA, 18.4x30 rear tires, 62 HP.	17,200
884 diesel row crop, TA, 18.4x30 rear tires, 73 HP	19,990
720 5-18 reset plow, steel trash plates	8,800
4500 16' vibra shank field cultivator	2,800
560 manure spreader, 250 bushel capacity	5,150
56 blower	2,550
1300 3 pt. 7' sickle bar mower	2,200
881 forage harvester w/2 row corn head and grass head	18,000

WANTED: DEAD OR ALIVE ROUND BALER BUYER



One Only
IH 2400
Round Baler
\$8,200
Cash

LOCAL GROWN USED TRACTOR

1066, 130 HP, 1975 model, 20.8x38 rear tires, one owner, we sold it new, we serviced it, used 2500 actual hrs., guaranteed

\$14,500

Waiver of finance available until 3/1/84.

LOCAL GROWN USED TRACTORS & EQUIPMENT

Waiver of finance available till 9/1/84 on some items

Massey 225 D w ldr used 1150 hrs	13,000	Used lawn & garden tractors	900 and up
Farmall M 51 model, new paint	1,750	D R Ellis 2 row transplanter	
IH 886 cab & air	18,750	Gleaner M 1974 model combine, diesel	
JD 2010 row crop needs engine work	1,950	engine, cab, 13' platform with	
1066 Black stripe, cab exc cond	17,500	pickup reel & 4 row corn head,	
3200 skid steer loader, new paint	5,000	one owner	18,500
JD 430 wide front	2,500	IH 400 four row planter, no till	2,850
JD 530 w JD loader	2,500	IH #56 four row double disc planter	1,850
IH 37 baler w thrower	1,450	IH 400 6 row planter, no till	3,750
IH 37 baler w thrower	1,450	Athens model 131 13' HD disk harrow	
IH 47 baler w thrower	1,850	equipped with Buster Bar and	
IH 430 baler w thrower guaranteed	2,750	4" cylinder	5,650
IH 37 baler	1,200	JD #130F 4 14 3 pt plow	850
Papec blower good condition	650	IH 700 5 16 auto reset plow	2,950
IH 56 blower new ring excellent	1,800	IH 700 4 16 auto reset plow	2,250
AC blower	400	IH #16 rake one owner	1,350
IH 830 harvester w 2 R corn head	6,500	IH #35 rake 3 years old	1,875
IH #93 combine	2,500	IH 990 7' & 9' mower conditioner	
500 gallon Walsh sprayer	1,200	IH #530 3 14 3 pt plow	650
JD #345 4 16 reset plow exc		IH 710 3 16 reset semi mount plow	2,750
IH 370 disc harrow 11'6"	2,250	IH 540 4 14 semi mount trip plow	750
NH 880 harvester w 2R corn head	3,700	Farmhand loader	475
IH 530 manure spreader	1,500	Badger forage box	1,400

We ship parts by UPS daily

We specialize in TLC guaranteed service

C & W EQUIPMENT, INC.

260 York Rd., Carlisle, PA 17013
717-243-4419

Adams Industrial Machinery, Inc.

Hanover Rd. &
Honda Rd. on
Rt. 116, 6 Miles
West of
Hanover Center
717-632-3443
Adams County

Mix Mill Bucket Elevator Dryer

Hog Feeders,
etc.
Owner Retiring
Make Offer
1-301-833-5228

Wooden Double Chain Feed Conveyors

Tapered Board
Feeders
Beechdale
Conveyors
SAMUEL K. STOLTZFUS
550 Beechdale Road
Bird-in-Hand, Pa. 17505



INTERNATIONAL® AGRICULTURAL EQUIPMENT



WINTER SERVICE SALE 10% DISCOUNT

On All Repairs, Parts & Labor
Done Through Our Shop
Or Scheduled Through
December 31, 1983
Cash Sales Only

THIS MONTH'S SPECIAL ON NEW EQUIPMENT

New Tractor Sale

5088 w/cab
3688 w/cab
3288 w/rops
3088 w/out rops
784 w/TA
684 w/TA
484, 42 HP

New Tillage Equipment

IH 720 5F 18" auto-plow
IH 510 4F 18" plow
IH 475 12' disk harrow
IH 480 13' disk harrow w/cyl
IH 496 19' disk harrow, wing flex
IH 4500 VS field cult, 12'6"
IH 5511 Chisel Plow
IH 6511 conser -till

New Hay & Forage Equip.

IH 428 baler w/thrower
IH 1190 mower cond
IH 781 harv w/2R head
IH 881 harv w/2R head
IH 130 16' forage box w/tan 12T gear

Material Handling

IH 2250 loader w/72" bkt
IH 1250 grinder mixer
IH 30 3 pt blade, 8'
IH 40 3 pt blade, 8'

USED TRACTORS

IH 3088, 80 hrs. (like new)	\$20,850	IH C	\$1250
IH 1086 D w/cab	\$22,500	IH 484 D w/300 hrs.	\$10,500
IH 966 D hydro w/cab	\$12,500	IH Super C, real nice	\$2150
IH 706 G, w/wide front	\$4850		

Waiver of finance until 3-1-84

USED HAY AND FORAGE EQUIPMENT

IH 37 Baler w/thrower	\$1800	Lanco 16' forage box w/roof	\$1850
IH 430 baler w/thrower	\$2850	IH 56 forage blower	\$750
NH 27 forage blower	\$975	IH 45 conv. blower	\$100
JD 34 forage harvester		Gehl Forage box	\$1250
w/2 row head	\$1500		

Waiver of finance until 6-1-84

USED TILLAGE

Oliver 565 4-5F 16" semi.		IH 401 16' Harrow	\$600
plow	\$1650	JD 6-7F 16" on land plow	\$1500
Oliver 565 5-6F 16"		King 9' HC Chisel 3 pt.	
semi-plow	\$1750	w/buster bar	\$1650
IH 720 4F 16" auto. plow		IH 560 6F 16" plow w/cyl.	\$1500
w/cyl. (real nice)	\$3850	IH 550 5F 16" plow	\$1250
IH 710 5F 18" auto. plow		IH 710 5F 16" plow w/cyl.	\$2250
w/cyl.	\$3950	IH 541 4F 16" 3 pt. plow	\$500

Waiver of finance until 3-1-84

SPREADERS AND MISC.

NI Model 211 Spreader (Nice)	\$1350	5th Wheel Steer Wagon chassis w/elec.	
NH 679 tandem spreader		brakes and tires.	\$450
w/hyd. endgate.	\$3500	Little Giant Snow Blower, 6' w/VH4D	
NI 214 spreader w/hyd.		Wis. Engine, elec. Start w/clutch,	
endgate	\$1850	24" Auger	\$2250
Portable loading ramp (for cattle)	\$200		

Waiver of finance until 3-1-84

USED PLANTERS AND DRILLS

IH 56 4 row	\$1250	IH 400 6 R 30" Planter,	
IH 400 4 row 38"	\$1500	w/insect	\$3500
JD Van Brunt drill	\$500		

Waiver of finance until 5-1-84



MIFFLINBURG FARM SUPPLY, INC.

East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Sener

SHULER EQUIPMENT SALES

RD #1 Box 228
Shuler Road
Shermansdale, Pa. 17090
717-582-4365 anytime
ACRES OF USED AND
RECONDITIONED FARM
EQUIPMENT AND
TRACTORS

Also
ACRES OF USED
EQUIPMENT AND
TRACTOR PARTS.

WE WILL BUY OR TRADE
YOUR USED EQUIPMENT
IN ANY CONDITION.



JD 4240 TRACTOR
1100 Hours, Dual Hyd., Diff. Lock,
Like New
\$17,000
717-532-6892

WISCONSIN Heavy-Duty ENGINES

6 to 65 H.P.

★ **SPECIAL** ★
FACTORY SURPLUS

MODEL TJD
18.2 H.P.

Baler Replacement
Crank Start
w/Fuel Tank
\$725⁰⁰

(Dealer Prices On Request)

• Authorized Service Center • Complete Rebuilding • Large Parts Inventory
3141 Old Phila. Pike
Bird-in-Hand, PA 17505
717-768-3729

FISHER ENGINE SERVICE



★ USED EQUIPMENT SPECIALS ★

USED TRACTORS

Case 870 w/Cab & Air Cond.
Case 870, Power Shift
Case 885 w/Loader
Case 570 w/Loader
Case 930 Case 1030
Case 1070 Case 1370
MF 1085 MF 1135
JD 3010 Int. 1086
Allis Chalmers WD45

USED SKID STEER

Gehl 2600
Gehl 4500 (1979)
Case 1845 Gas or Diesel
Case 1845 (1979) Exc. Cond.

USED WINDROWERS

Hesston 420
(3) Case 555's
Gehl 1090

USED BLOWERS

Fox Blower (2) Gehl 99
Oliver (Kools)

WAGONS

(2) Grove Wagons w/Hyd.
Drive, 16'
Grove 16' w/3 Beater Roof &
12-Ton Tandem Wagon -
Exc. Cond.
Jerdan 3 Beater w/12 Ton
Running Gear & Hyd.
Drive
JD 216 Wagon, 16' 2-Beater

USED HARVESTERS

IH 830 w/2-Row Narrow and
Hay Pickup
Gehl 83 w/1-Row Head, Hay
Pickup & Direct Cut Head
Gehl 3 Row Wide Cornhead
(2) Gehl CB600's
Gehl CT300
Fox Super 1000
JD 3800

USED PLOWS

JD 3-Bot. 14" Trailer
JD 4-Bot. 16" Mounted
Ford 5-Bot. Semi Mtd. Plow

USED BALERS

Hesston 5540 Round Baler
Hesston 5600 Round Baler
Case 230 Conventional Baler
w/kicker
Hesston SH10 Stacker

MISCELLANEOUS

Case Disk
Gehl 95 Grinder Mixer
Sauder Loader For 8N
Several Farm Loaders
Cagle 500 Sprayer
187 Hawk Bilt Spreader
NI 90 Bu. ~~Solid~~ Sure Spreader
5' Sidewinder Mower (New)

STOUFFER BROS. INC.

1066 Lincoln Way West, Chambersburg, Pa.
Phone 717-263-8424

VERMEER

HILLARD
MARTIN
INC.

Vicon

PEACE



The Christmas season is a time of
joy and peace, and with it go our
blessings of hope and happiness
for the coming year.
Sincere thanks to everyone!

RED WING FARMS

R D #1, FLEETWOOD, PA 19522
NEW PHONE NUMBER: 215-944-0402



HARD WORKING VALUES
Waiver of Finance - Low Rate Financing
Low Cash Deals

NEW EQUIPMENT

3288, demo	370 disc
784 RC w/TA	720 auto. reset 5 btm.
684, 4 wheel drive	2250 loader
1420 combine, demo	#50 Shredder

WHITE TAG SPECIAL
1420 Combine with 810 head

USED EQUIPMENT

1066 w/cab	Potato planters
1256	JD 2 row potato digger
706 Diesel	Ontario grain drill
IH 424	Vicon disc mower
Farmall 70 hydro	conditioner
Farmall BN	NH S69 baler
w/cultivators	IH forage blower
2 Super C's	Gehl 4500 Skid loader
Super AV	NH 1010 bale wagon
Haines bulk bodies	IH 3120 backhoe
Ziggy bulk body, 16'	NH 512 spreader
Mayrath auger 6"x27"	Stone pickers
1500 Schwartz loader	John Bean 3 pt hitch
Massey Drill 16x7	sprayer

RINGTOWN
FARM EQUIPMENT

RD 1, Ringtown, PA
717-889-3184
Since 1949



PARTS VALUE
OF THE MONTH



Christmas Bell Ringer Specials!

Most radios cut in half for Christmas!

AM/FM pushbutton fender mount radio
Just the gift to help make long days
in the field seem shorter. Solid state
construction for instant play. Rust
resistant housing. Big 4 x 8 speaker.



And while we're waiting for the
merry old gent... we'd like to take
this opportunity to wish you and
yours a very Merry Christmas and
a prosperous New Year. We'll be
back in 1984 with more Parts
Value of the Month promotions.

From...

★ Hen ★ Tiny
★ Ken



PART MART

ERB & HENRY EQUIP., INC.

New Berlinville, PA 19545
PH: (215) 367-2169

M.M. WEAVER & SON, INC.**47th ANNIVERSARY SALES DAYS****December 27, 1983 thru January 6, 1984****OPEN HOUSE on Wednesday, January 4, 1984**

Inventory Reduction

Last Chance
for '83
Tax Savings!

Factory
Discounts!

Year-End
Deals!

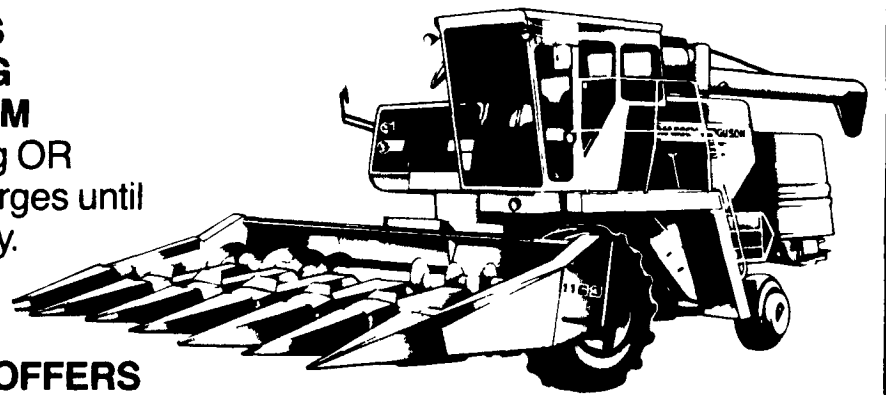
See us now for the best prices...best deals on the Massey-Ferguson equipment of your choice. Our inventory reduction of selected models means huge savings for you!

NEW TRACTORS

- BIG FACTORY DISCOUNTS
- PLUS YOUR CHOICE OF MONEY-SAVING FINANCING OPTIONS...Either low 9.9% APR financing OR waiver of finance charges to June 1, 1984 when you finance with MF.

**NEW COMBINES**

- BIG FACTORY DISCOUNTS
- PLUS TWO MONEY-SAVING FINANCING OPTIONS FROM MF...Get 9.9% APR financing OR choose waiver of finance charges until Aug. 1, 1984 when you qualify.

**IMPLEMENTS**

- SPECIAL MONEY-SAVING OFFERS on MF Tillage Implements, Drills, Tractor Loaders, Swathers, Rectangular Balers.

MF
Massey Ferguson

**Your
Business
Machines**

MF financing subject to
qualifying credit &
down payment

Act now! Offers must expire soon.

NEW EQUIPMENT SPECIALS

MODEL 345 SPRING RESET 3 BOTTOM 16" PLOW with SPRING CUSHION COULTERS and COVER BOARDS

List Price \$3,532.00

SPECIAL PRICE \$2500.00

Only 4 Left

MF MODEL 43 3 BOTTOM 16" PLOW

List Price \$2,310.00

SPECIAL PRICE ... \$1550⁰⁰

Only 2 Left



MF
Massey Ferguson

M.M. WEAVER & SON, INC.

Leola, PA 17540

Phone: (717) 656-2321

Located 4 miles West of New Holland on Rt. 23 1/2 miles Northeast of Leola on the No. Groffdale Rd. 1 mile on the right opposite Groffdale Mennonite Church

47th ANNIVERSARY

SALES DAYS

■ PARTS ■ NEW EQUIPMENT ■ GOOD USED EQUIPMENT
DECEMBER 27, 1983 thru JANUARY 6, 1984

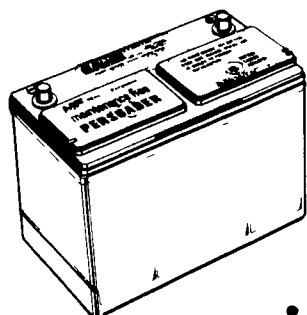
Mon. thru Fri. 7 A.M. to 5 P.M.; Sat. 7 A.M. to 12 Noon
Closed Dec. 26 and Jan. 2

All Items Subject To Availability

WINTER SALE ITEMS

MF BATTERIES

20% OFF Regular Price

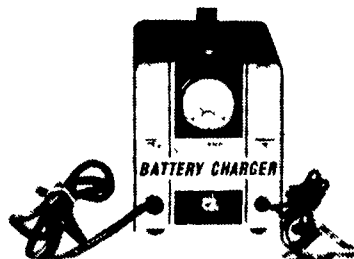


Massey-Ferguson Batteries for all your needs

Tractor
Combine
Truck
Automotive

- Longer Battery Life
- Greatest Possible Starting Capacity
- More Consistent Performance
- Safer Battery Handling

BATTERY CHARGERS



- 20 AMP 19513A91
List \$116.50
SALE \$93.20
- 6 AMP 19512A91
List \$53.90
SALE \$41.95



STARTING ETHER

- Starts stubborn engines in seconds
- Prolongs Battery Life
- Sprays to 65° below zero
- 8.3 oz. Can 830.999M1

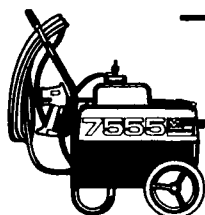
List \$1.93 **SALE \$1.59**

- 11.0 oz. Can 841.543M1

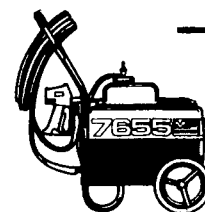
List \$2.19 **SALE \$1.75**
Case Lots Additional 2% OFF

PRESSURE WASHERS

The 1983's are out! Purchase your Massey Ferguson Pressure Washer and save time and money. Stop in today and see how simple these machines are to operate. All you do is connect a garden hose to the pressure washer plug in the electrical cord, add cleaning chemicals and that's it!



\$371.45 SALE PRICE
MF 7555 List Price \$437.00
Nozzle Pressure 500-550 PSI,
Concentrate Capacity 2½ gal.



\$456.45 SALE PRICE
MF 7655 List Price \$537.00
Nozzle Pressure 600-650 PSI,
Concentrate Capacity 2½ gal.

\$1126.25 SALE PRICE List Price \$1325.00
MF 7750 Nozzle Pressure 750 PSI, Concentrate Capacity 7½ gal.

FIRE EXTINGUISHERS

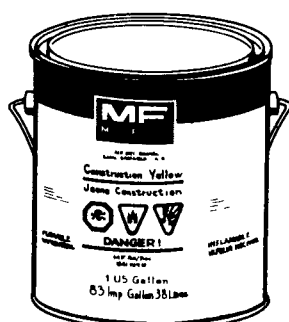


Don't be caught without protection!

Install reliable Massey-Ferguson Fire Extinguishers in your home, the barn, animal pens, on tractors and combines. They're made of Heavy duty carbon steel with non-corrosive parts, inside and out, and operate with positive on-off squeeze grip; feature easy reading waterproof gauges.

- | | List | SALE |
|---------------------|---------|----------------|
| • 5 Lbs. 20•005A91 | \$28.75 | \$24.45 |
| • 10 Lbs. 20•006A91 | \$50.15 | \$42.62 |

20% OFF REGULAR PRICE



Paint

Match or restore, with original equipment colors.

- Dries dust free
- Available in aerosol, quart and gallon containers
- Will not wrinkle or blister
- Resists discoloring from chemical spills.
- Cures to a hard luster finish.

ALL PURPOSE JACK

(Same As Handyman)
7,000 lb. Capacity

19-988A91

List \$54.00

SALE \$45.90



LUBRICANTS

GREASE TUBE CARTRIDGES



841618M1 Tubes

85¢ ea.

Pkg. of 10 Tubes
\$8.40

UNIVERSAL HYDRAULIC FLUID PERMATRAN III

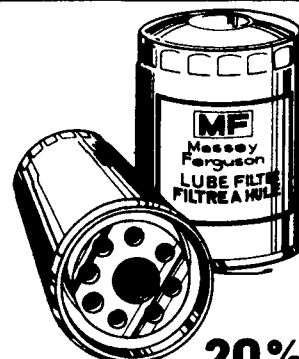


Universal extreme pressure transmission and hydraulic fluid. Stock one oil for all your farm equipment.

- 2½ Gal. Per/Gal... **\$5.56**
- Bulk Price Per/Gal... **\$5.25**
(Bring Your Own Container)
- 55 Gal. Container Per/Gal... **\$4.85**

**15% OFF
REGULAR PRICE**

★ Bring Your Own Containers -
Get Bulk Price
"BUY QUALITY"



Fuel O'Hydra
Filters for
formulate
required
performa
life

20% OFF RE

GREASE G

- Lever Action 1902683M92 \$9.
- Pistol Action 1904778M91 \$16.
- Flexible Grease Hose 1902-684M91 \$3.



HAND

- Cleans hands w
- Contains antise
- Works fast

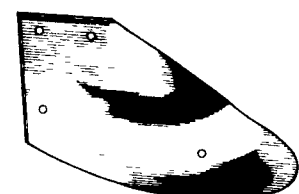
1 Lb. 1900 292M2

List \$1.67

4½ Lbs. 1900.293M2

List \$7.33

TILLAGE F



20

Reg

• Sh

There Is A Difference; 3 La
• Longer Life • Shock Resist

TWISTED CHISEL F

- Heat treated, tumbled & varnished
- ½" thick for longer wear
- Fits 2¼" centers for 7/16" plow b

DF4995R..... 3x½x22R.†

DF5995L..... 3x½x22L.†

Special Shi

MF WAREHOUSE CLE
Twisted Chisel
Weathered Bu

DF4995R..... 3x½x22L

DF5995L..... 3x½x22

**10%
OFF**

ON ALL OTHER PARTS

Sold Over Counter From

DEC. 27 to JAN. 6, 1984

★ Cash And Carry ★

MF
Massey Ferguson

M.M. WEAVI

LEOLA, PENNA. 17540
PHONE: 717-656-2321

Lo
on
Ro
Ch

OPEN HOUSE

SPECIAL 1 DAY ONLY - WEDNESDAY, JANUARY 4, 1984

Maintenance and Operation Seminars

10:30 A.M. Tractors
2:00 P.M. Combines

- ★ Representatives from various manufacturers will be on hand to demonstrate products and answer questions
- ★ Join us during Open House for Fun & Fellowship

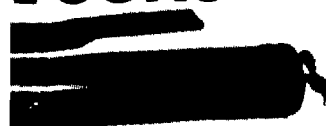
**LUNCH
WILL BE
SERVED
11-2**

FILTERS

Jet Oil - Hydraulic - Air
Filters for every need — specially formulated to give exactly the flow required. Promotes better performance and longer engine life.

REGULAR PRICE

E GUNS



List SALE

\$9.15 \$ 7.75
\$16.74 \$14.22
\$3.01 \$ 2.75

DISC CLEANER

Discs with or without water antiseptic
t-
292M2

SALE \$1.25

SALE \$5.50

E PARTS

20% OFF
Regular Price

- Shins • Moldboards
- Shares

3 Layers of Steel For:
Resistant • Less Cracking

SEL POINTS

Finished

plow bolts
x22R.H. \$7.95
x22L.H. \$7.95

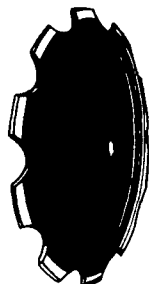
Shipment

E CLEARANCE SALE

Chisel Points,
Used But New

1/2x22R.H. \$6.50
1/2x22L.H. \$6.50

TILLAGE PARTS



Disc Blades

- High concavity for greater draft and more soil action
- Plain and notched styles for various field conditions
- Center holes sizes available to fit non Massey-Ferguson machines

				SALE
20" Plain	7 Ga.	1904-669M1	1 1/8x1 1/4	\$15.18
20" Notched	7 Ga.	1904-670M1	1 1/8x1 1/4	\$17.40
22" Plain	6 Ga.	1904-676M1	1 1/8x1 1/4	\$20.96
22" Notched	6 Ga.	1904-677M1	1 1/8x1 1/4	\$23.45
22" Plain	6 Ga.	1904-728M1	1 1/2 sq. 1 3/4 rd.	\$20.96

Weathered Disc Blades In Stock

- 16" plain 11 ga. 1" round \$5.00
- 16" notched 11 ga. 1" round \$5.00
- 18" plain 11 ga. 1" square \$7.00
- 18" notched 11 ga. 1" Square or 1 1/4 Round \$8.00

SPRING CUSHION SHANK

Simple design allows lift up to 6 1/2" to clear rocks, etc. Returns itself to working position. Gives vibrating tillage action.
1"x2"x26"

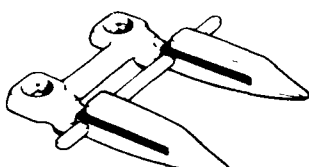
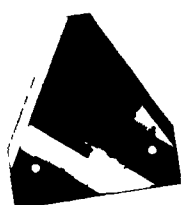
SALE \$70.00



VIBRATING "S" TINE TEETH AND SWEEPS

- VS1 1 1/2" Rev. Tooth SALE \$1.50
- VS2 2 3/4" Spoon SALE \$1.35
- VS4 4" Duck Foot SALE \$1.69

CUTTER BAR PARTS



20% OFF REGULAR PRICE

HITCH PARTS

TOP LINKS

- Category 1 SALE
• 16" Center, 30105E91 \$15.52
20 1/2" to 30 1/2" Adj.
- Category 2
• 16" Center 30107E91 \$21.74
20 1/2" to 30 1/2" Adj.

DRAWBAR HITCH PINS

- | | List | SALE |
|--|--------|--------|
| • 3/4" Dia. 6 1/4" Length 30281E1 | \$2.97 | \$2.67 |
| • 7/8" Dia. 6 1/4" Length w/Linch Pin 30152E91 | \$5.89 | \$5.30 |
| • 3/4" Dia. 6 1/4" Length w/Linch Pin 30151E91 | \$4.51 | \$4.05 |
| • 7/8" Dia. 6 1/4" Length 30282E1 | \$3.91 | \$3.52 |

LINCH PINS

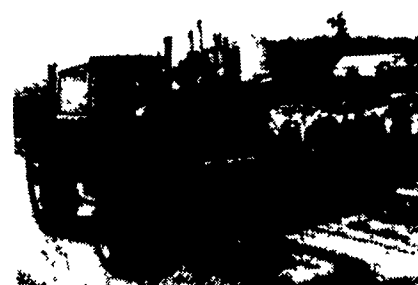
- 7/16 Dia. 30¢ ea.
- or 4 For \$1.00

WAGON SURPLUS PARTS

- | | SALE |
|-----------------------|---------|
| • 15x10 Rims, 6 Lug | \$20.00 |
| • Quick Hitch Tongues | \$35.00 |
| • Solid Tongues | \$15.00 |

ACCESSORIES SPECIAL

- 1000 Lb. Ea. Wheel Weights
1100-1130-1150
Pair For. \$750.00
- 19974A91 Front End Steel Weights
All 100, 200 & 1000 Series Tractors
\$35.00



- 2418 745, 48" Bucket
less cutting edge \$95.00
- 48-60" Fork Dirt Plate \$10.00

VER & SONS, INC.

Located: 4 miles west of New Holland on Route 23, one and one-half miles northeast of Leola, on the North Groffdale Road, one mile on the right, opposite Groffdale Mennonite Church.

**BONUS SAVINGS! AN ADDITIONAL 2% On \$500
Or More If Processed Before Sales Days. Please
Mail Or Call Large Parts Orders Now For Processing
Prior To Sales Days.**

FOR MORE SPECIALS TURN THE PAGE ▶



SALE

December 27th thru January 6th

Closed Mon., Dec. 26th and Mon., Jan. 2nd

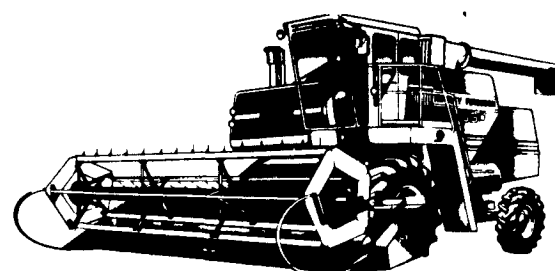
GOOD USED EQUIPMENT

Inventory Reduction

USED COMBINES

SPECIAL MONEY-SAVING FINANCING

Buy now & finance with MF at a low 10.9% APR... or choose waiver of finance charges to May 1, 1984 on selected used combines.



• 1981 MF 750 Hydro Straw Chopper 16 ft. Floating Grain Table 800 hrs.	\$49,000	• 1975 MF 760 Hydro V8	\$24,000	• 1968 MF 510 Diesel Hydro	\$12,500
• 1980 MF 760 Hydro V8 with 15 ft. Grain Table and Grain Saver	\$52,000	• 1974 MF 760 Hydro 6 Cyl.	\$22,000	• 1968 MF 410 Gas	\$5,000
• 1978 MF 550 Hydro Diesel with 4 Wheel Drive	\$36,000	• 1973 MF 750 Gear Drive with Grain Saver	\$24,000	• 1967 MF 410 Diesel	\$5,000
• 1977 MF 750 Hydro with Grain Saver	\$29,000	• 1973 MF 760 Hydro 6 Cyl.	\$21,500	• 1966 MF 410 Gas	\$2,500
• 1977 MF 750 Hydro with Grain Saver	\$26,000	• 1972 MF 510 Diesel Gear Drive	\$9,500	• 1966 MF 300 Gas	\$3,500
• 1977 MF 510 Hydro Diesel	\$17,500	• 1972 MF 510 Diesel Gear Drive	\$10,500	• 1966 MF 510 Gas with Floating Cutter Bar	\$4,800
• 1976 MF 750 Hydro with Grain Saver	\$19,500	• 1972 MF 300 Gas	\$8,500	• 1965 MF 410 Diesel	\$4,500
• 1976 MF 750 Hydro with Chopper	\$27,000	• 1972 MF 510 Diesel Gear Drive	\$12,500	• 1965 MF 300 Gas with 11 ft. Table	\$2,900
• 1975 MF 760 Hydro V8	\$24,000	• 1971 MF 410 Diesel	\$7,500	• 1964 AC CII Gleaner with Corn & Grain Head	\$6,000
• 1975 JD 750 Hydro	\$22,000	• 1971 MF 410 Gas	\$7,500	• 1960 AC A Gleaner	\$1,500
• 1975 JD 3300 Diesel with 13 ft. Grain & 2 Row Corn Head	\$17,500	• 1971 MF 510 Diesel	\$12,500	• JD 45 with Grain & Corn Head	\$1,900
• JD 343 Corn Head 3 Row 30"	\$3,000	• 1970 MF 510 Diesel	\$10,500	• JD 45 with Grain Head	\$500
• 1975 MF 510 Diesel	\$17,000	• 1970 Case 1665 Diesel	\$5,000	• IH 303 with Grain & Corn Head	\$1,500
		• 1970 MF 510 Diesel	\$12,500	• MH 82 with 10 ft. Grain Head	\$1,200
		• 1969 MF 510 Diesel	\$11,500	• Above Combines Include Grain Tables Less Corn Heads	
		• 1968 MF 510 Diesel	\$8,000	• 61 Corn Heads in 2, 4, 6 and 8 Row Size	
				• New Idea 2 Row 30" Pull Type Picker Sheller	\$5,500

USED TRACTORS

SPECIAL

New MF 2805 Diesel Tractor, 190 HP, 24 Speed, Air Conditioned, Cab & Heater, 20.8x38 Axle Mounted Duals

List Price \$69,277
Less Special Discount \$20,000

\$49,277

• MF 165 Diesel	\$4,500	• Farmall 656 Diesel	\$5,800
• MF 35 Diesel	\$2,500	• IH 107 Cub Cadet	\$900
• MH 333 Gas	\$1,000	• Ariens 1138 Lawn Mower	\$1,100
• Ford 4000 Diesel on Steel	\$2,700	• Ford 8N	\$1,900
• JD 50	\$1,900	• Ford 9N	\$1,500
• JD B.	\$600		

SERVICE SPECIAL



MF Certified Service



FARM EQUIPMENT DOES NOT BREAKDOWN WHEN YOU ARE NOT USING IT...BUT THAT'S THE BEST TIME TO REPAIR IT!

10% DISCOUNT ON PARTS USED ON MAJOR OVERHAULS OVER \$500 DURING THE MONTH OF JANUARY 1984.

SCHEDULE YOURS NOW!

TAX TIP

PURCHASE YOUR NEW EQUIPMENT BEFORE JANUARY 1, 1984 AND TAKE ADVANTAGE OF BIG SAVINGS.



M.M. WEAVER & SON, INC.

Leola, PA 17540

(717) 656-2321

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

USED EQUIPMENT

• MF 880 Hyd. Reset 6-16" Plow	\$1,900
• MF 82 Spring Trip 3-14" Plow	\$650
• JD Spring Trip 2-16" Plow	\$650
• Oliver Spring Trip 3-16" Plow	\$850
• MF 43 Spring Trip 2-16" Plow	\$950
• MF 43 Spring Trip 3-16" Plow	\$950
• IH Fast Hitch Spring Trip 3-16" Plow	\$400
• MF 345 Automatic Reset 3-16" Plow SOLD	\$2,200
• MF 730 Offset 10 ft. Disc Harrow	\$3,750
• 36 Blade Transport Disc	\$300
• 24 Blade Pull Type Disc	\$150
• Ford Transport 32 Blade Disc	\$500
• Brady 3 pt. 9 Tooth Chisel Plow	\$1,100
• Dunham 3 pt. 8 Tooth Chisel Plow	\$1,150
• Brillion 11 ft. Packer SOLD	\$400
• MF 129 Front Mtd. Cultivator	\$300
• 3 Section Harrow	\$75
• 3 pt. Weeder	\$25
• MF 428 3 pt. 4 Row Rolling Cultivator	\$1,500
• Tye 10 ft. No Till Grain Drill	\$8,900
• Danuser Post Hole Digger	\$875
• Century Sprayer	\$850
• Glenco 7 Tooth Soil Saver	\$4,250
• Farmhand Corn Processor	\$3,200
• (2) Kilbros Gravity Box and Wagon	\$2,200
• Tonutti 4 Wheel Hay Tedder	\$1,750
• Farmhand 6 Wheel Rake	\$1,200
• M-C 9 ft. Rotary Scythe	\$3,900
• Badger 14 ft. Forage Wagon	\$950
• Circle Saw Buck	\$100
• Myer Snow Plow	\$400
• 3 pt. Snow Blower	\$1,200
• E.Z. Gravity Box and Wagon	\$880
• Danuser Log Splitter SOLD	\$800
• N.H. 707 Harvester with Hay Head	\$900
• N.H. 707 Harvester with Corn Head	\$1,200
• Mohawk Rotary Cutter	\$395
• N.H. Super 717 Harvester	\$950
• MF 925 Demo Haybine	\$4,500
• Fella 2 Wheel Hay Rake and Tedder	\$1,200
• M.M. 5 Bar Pull Type Rake SOLD	\$100

USED BELTING MATERIAL RUBBER MATS FOR

Comfort stalls, Free Stalls
Horse Stalls, Horse and Cattle Trailers,
Hog Houses

Paul N. Brubacher
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FOR SALE

1978-79 John Deere 6600 Sidehill
Combine 1500 hrs. 6 row narrow
corn head
Grain Dryer - AS 600 Super B
TROSS TERRAINS, INC.
Located on Rt. 890, Six Miles South of
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Phone 717-286-6411 or 717-286-0215

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• Reasonable Rates

DIESELS SALES & SERVICE

New & Used Gasoline
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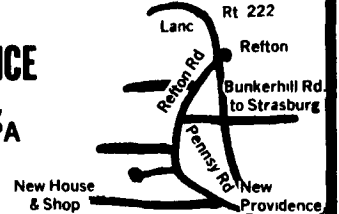
BRIGGS & STRATTON

- Uniroyal V-Belts A-28 to A-60, B-35 to B-108
- Kendall Motor Oils (Special Drum Prices)
- Large Stock of Wisconsin and Briggs & Stratton Parts
- Galvanized Pipe and Fittings 1/2" - 3/4" - 1"
- Baldwin Oil Filters • Conklin Products
- New 2 hp. to 10 hp. Briggs Stratton at Special Prices



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NEW PROVIDENCE, PA
Check Our Prices



YOUR



**Livestock
Systems**

DEALER

DEPENDABLE MOTOR CO.

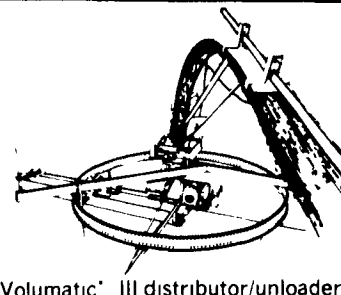
East Main St., Honey Brook, Pa. 215-273-3131 • 273-3737

IN STOCK

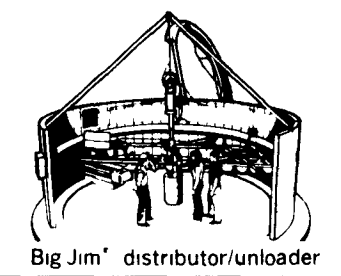
New Butler 1830
Trailer Mixer

New Butler 115
Stationary Mixer

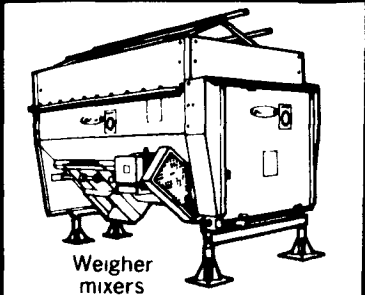
Rental
Butler Trail
Pump - 28 ft.



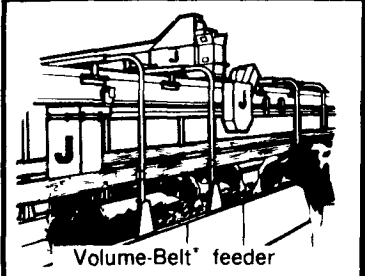
Volumatic* III distributor/unloader



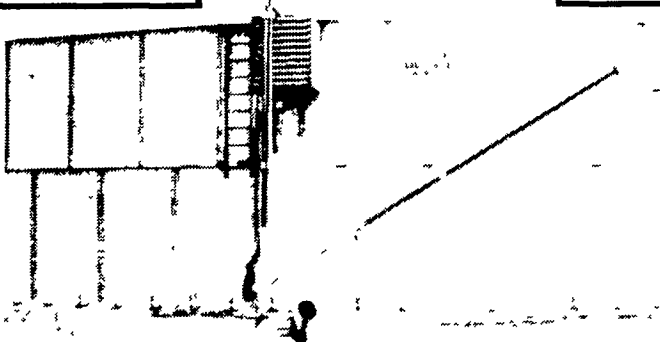
Big Jim* distributor/unloader



Weigher
mixers



Volume-Belt* feeder



Butler Liqui Stor system with side mount pump

DEPENDABLE IS MORE THAN OUR NAME

M & R EQUIPMENT, INC.

NEW PARK, PA

Ph 717-993-2511 • 717-246-1972

PAVE

SPERRY NEW HOLLAND

INTERNATIONAL HARVESTER KUBOTA

Available - 10.5% Financing On All New Kubotas

- IH New 1420 Combine Now With Unbeatable Rebate
- Used 1440 Combine
- Used IH #10 16x7 Grain Drill w/Seeder & Fert.
- Used IH 1150 Grinder Mixer
- Used 2 Sets of Flat Top Fenders for 06, 56 Series
- Used NI 305 Mounted Picker, 4M, 656

ALL ABOVE USED EQUIPMENT IN EXCELLENT CONDITION

1300 3 pt. mower
NH 450 3 bar, 3 pt.
JD 336 3 bar w/kicker
NH 315 baler, good cond.
JD 3800 forage harvester both heads,
good for parts or fix it yourself
MF 4R planter - 50 acres
AC 600 planter **SOLD** cheap
JD 1240 planter
IH 37 baler
JD 246 2 R planter, 3 pt.
Oliver 15 row grain drill,
good cond.
JD 110 disc
IH 480 disc, new blades, w/cyl
1975 CJ5 jeep, new top
1650 Cub **SOLD**
Gehl Blower
NH 717 Chopper

NI 324 picker, excell.
105 Cub Cadet, hydrostatic
IH 350 Diesel, fast hitch, power
steering
JD 2510 diesel, excell.
IH 2400 Ind. tractor w/6 way heavy
duty front mtd. blade - ideal for
snow
IH 454 utility tractor w/loader,
overhaul
Farmall 560 D
Farmall 350 D, w/fast hitch
JD 50 tractor w/corn picker, power
steering
IH 455 planter, 4R
JD 440 crawler - loader
JD 440 crawler for parts
JD 34 chopper

TIRED OF BEING OVERCHARGED?

Battery Warehouse

OFFERS A COMPLETE LINE OF TOP QUALITY
BATTERIES AT EVERYDAY LOW LOW PRICES

FARM TRACTOR BATTERIES

Group 1
6 Volt

\$31.95
Exch.

Group 30H
12 Volt

\$59.95
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PASSENGER CAR BATTERIES STILL

As Low As

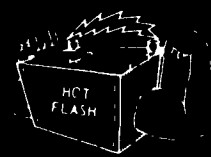
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We Specialize In "Hard to Find" Implement Batteries

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WHITE FARM EQUIPMENT
NEW EQUIPMENT
WHITE -
2-75 Tractor
2-85 Tractor
2-135 Tractor w/cab
255 Disk Harrow
225 Field Cult., 19'

GEHL -
BU 960 For. Box
FB 99 Blower



NEW IDEA -
384 Solid Plus
Spreader

BEHLEN CORN
CRIBS -
611 Bushel

KUHN -
17' Gyrotedder

USED EQUIPMENT
2-35 White Tractor
2-105 Tractor w/Cab,
Low Hours
800 Series Ford

NOTICE

We Will Close At
12 Noon
Sat., Dec. 24
Closed Dec. 26th

MILLER EQUIPMENT CO.

RD 1 Bechtelsville, PA
215-845-2911

Binkley & Hurst Bros., Inc.

DISCOUNT CASH & CARRY DAYS SALE

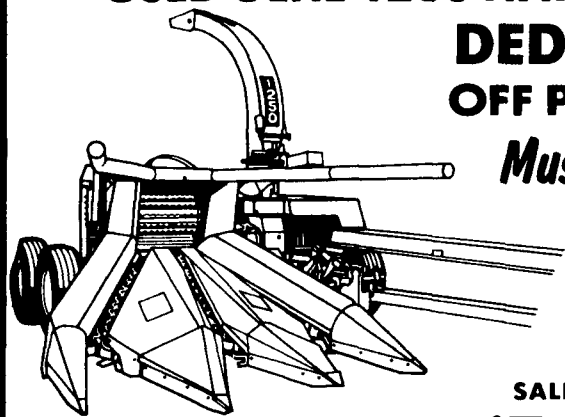
EXTENDED THRU SAT., DEC. 31st

Be sure to check your 16 page insert from the December 10th issue of Lancaster Farming.
We will bill you for 1983 or 1984 - Your Choice

- Used Case Model 21 Backhoe Attachment, 12 ft. Digging Depth, Partially Adapted for 3 Pt. Hitch..... **DISCOUNTED TO \$1,650**
- Battery Powered 3 Wheel Cart w/Charger (Ideal Around The Farm), Batteries, Approx. 1 Yr. Old..... **ONLY \$189**
- Case 1530 B Unloader w/Rebuilt Engine, Big Tires, 65" Large Material Bucket..... **\$3,250**
- Used New Idea Flail Spreader (Needs Work)..... **As Is \$135**
- 4 Sections Of New 9" Dia. x 8' Long Gehl Blower Pipe..... **\$39 Each Section**
- (2) 36" Dia. x 12" Wide Power Adjust Used Rear Tractor Rims..... **\$25 For Pair**
- (1) Set Of Large Western Style Mud Fenders For Case 1070 Tractor..... **\$25 Each**
- (1) Case 1370 Tractor Hood..... **\$25**
- (1) Case 1370-1570 Front Grill Frame w/Grill Screen.... **\$85**
- (1) New 1370-1570 Case Rear Hood And Side Panel Section w/Slight Damage..... **\$20**
- (1) Used Case 1070 Rear Hood And Side Panel And Other Grill Accessories..... **Total Of \$70**
- Used Fender Sets, 3 Sets For Case Model VAC... **\$16 Per Set**
- Used Case 530 Square Front Hood And Side Panel Section w/Slight Damage..... **\$20**
- Drive Line Housing, Axle and Accessories For Case 1070 Tractor Diesel, David Brown 1200 Tractor Diesel, Case 530 Gas Tractor
- Good Used Case D450 Diesel Crawler Loader Tractor..... **\$7900**

USED GEHL 1200 HARVESTER

DEDUCT 35% OFF PRICE BELOW



Must Move Now!

Completely Serviced & Field Ready,
• 1000 RPM, Hyd. Controls, Hyd. Knife Sharpener (Less Header)

SALE PRICE
\$7,800

Remember Deduct 35%
This machine designed to handle from 90 HP up to 225 HP. A Real Power Saver with Capacity to handle 2 or 3 row headers.

DEDUCT 35% OFF PRICE BELOW

Only One More Week Left To Save \$1000's of \$\$\$

NEW MODEL 8440 GRAIN DRYER

400 Bu., Equipped With Grain Cleaner, Swinging Loader Hopper

Batch Dry High Moisture Grain at one of the Lowest Cost per Bushel figures in the industry.

Moridge Dryers offer:

- Low Initial Investment cost
- Reduced Labor Costs
- Drying at Half the Per Bushel Cost of some dryers
- Portability, Rather Than Just Movability
- High Quality, Fully Dried Grain

\$10,689

Remember, DEDUCT 35%

SPECIAL... BRAND NEW 6 TON ELECTRIC WHEEL WAGON RUNNING GEARS

Knocked Down Less Tires w/8x15 Rims, Regular Standard Tongue (Non-Adjustable), 6 Bolt Wheels Reg. Price \$705
DISCOUNT SALE PRICE \$529

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543

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Hours: Daily 7 AM to 5 PM Sat 7 AM to 11 30 AM

50% OFF

EXTRA! EXTRA! SPECIAL!
For Quick Sale We Will Take
50% Off All Prices Quoted
In This Column



THE
EARLY
BIRD
GETS
THE
WORM!

HESSTON MODEL 7020
FORAGE HARVESTER
540 PTO, 1 Row Corn Head
Manual Controls

\$1,980.00

55 GALLON OIL DRUMS

\$8.00 each

STEEL TRUCK FRAME

8' Wide x 12' Long (Approx.)

w/Lift Cylinder

\$350.00

BADGER 200 BUSHEL
MANURE SPREADER

Single Beater, It Works

\$650.00

USED 3 PT. HITCH REAR
MOUNT SCRAPER BLADE

w/6' Moleboard

\$189.00

1970 CHEVY EL CAMINO

350 V8, Automatic

\$1,680.00

MANURE FORK

ATTACHMENT

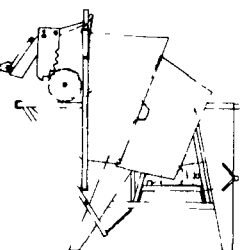
To Fit Owatonna 1200 Skid

Loader, Good Condition

\$468.00

SPECIAL NEW 3 PT. HOOKUP SAW BUCK

Most
Models
Are
Priced
Over
\$800



OUR
PRICE ONLY **\$450**

20% OFF

All Prices Of Miscellaneous
Machinery Items In This Column

COBEY FORAGE BOX

6'x16' Long w/3 Beaters and Roof
Wormgear Drive, Pintle Chain
Wed. Pintle Unload Cross
Conveyor Web, Mounted on 12 Ton
Tandem Axle Running Gear w/
Quick Type Adjustable Tongue

\$1,975.00

One Complete Set Of

REAR WHEEL WEIGHTS
Segment Type, for 30" Size Wheel
Will Fit Many Different Brands of
Utility Tractors

\$169.00

IH 4 SECTION SPRING HARROW

Model 401, Drag Type Approx 16
Wide w/New Runners

\$585.00

GOOD USED KNOWLES 12 TON TANDEM GEAR

w/Tires Quick Hitch

\$1,195

GOOD USED 4 ROW 3 PT. ROTARY HOE

Good Wheels, Weathered

\$185.00

3 BOTTOM MOLEBOARD PLOW

Trailer Type

\$175.00

2 BOTTOM TRAILER PLOW FRAME Less Bottoms

\$50.00

USED CASE LITTLE GIANT 36 FT. BALE-CORN

ELEVATOR w/Fold Up Extension

not attached

\$750.00

SPRAYRITE GP3

200 Gallon 3Pt Hitch w/
Centrifugal Pump 3 Electric
Spinner Solenoid and Switch
They Do Work! Saves Water!

\$485.00

NEW HOLLAND MODEL 269 HAYLINER BALER

w/57A Kicker Paint Faded

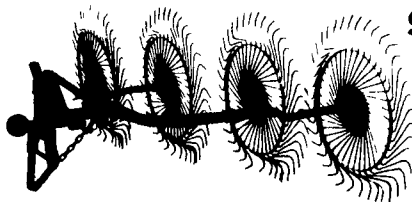
It Works **\$1,050.00**

OLIVER #5 ROW PULL TYPE PICKER Good Metal Not All

Bent Up **\$1,180.00**

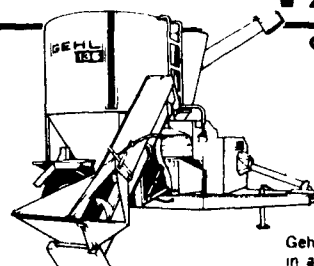
SPECIAL OFFER

On Quality
Built Rakes



NOTICE: Rake your hay, straw and
corn fodder with an inexpensive, 3
pt. Wheel Rake for only

\$495.00



OUR NATION'S FARMERS

#1 CHOICE - GEHL

Not Only Crop Grinding

Season Is Here, But

PRICE GRINDING IS

Here, Too!

HYDRAULIC GEHL

MIX-ALLS

Gehl's Put Good Ideas to Work
in a hydraulic grinder mixer for
less maintenance easier operation. The 100 bushel Mix All unloads
as quickly as 3 1/2 minutes. Features include the big 21" mill with 66
reversible hammers hydraulically driven in feed attachments with
infinite speed control and quick change screens for faster per
formance and operating convenience. Stop by and see the hydraulic
100 Mix All today!

New Gehl 100 in Stock One Only
Serial #9552

AT **\$6961.00**

Plus This:

Put new Gehl equipment to work on your farm NOW
with a special Delayed Payment Program from
Gehl. With 30% down you can buy new Gehl mach-
inery with a final due date of April 1, 1984

OR

Pay Cash During Our Discount Days

And DEDUCT ANOTHER **\$150.00**

So Don't Wait!

DISCOUNTED TO SELL NOW!

New Gehl Model HA 1200 Hay Pickup

Attachment

NEW 7' HAY ATTACHMENT

Pick up the BIG swaths with this giant
7' wide hay pickup. It features a five
bar spring tooth pickup with new low
deck design to get all your crop. The
fingerless floating auger is adjustable.
With adjustable gauge wheels for extra
floatation this pickup fits both the 1000
and the 1250

Serial #3898 & #3899
Factory List \$3,156.00

Our Reg. Price \$2,600.00

CASH & CARRY DISCOUNT SALE PRICE **\$2,389**

While They Last

HOW ABOUT A PROVEN NEW IDEA THAT WORKS!

HAYLAGE WATER TANK

Haylage gumming can plague every farmer but it doesn't have to anymore
not with the addition of this special 300 gallon polystyrene watertank
to your Gehl hay pickup. Total system includes corrosion resistant sensors
and controls to start and stop waterflow as needed. 30 gallons get you
through half a day of harvesting

They Really Help!

In Stock - One Only Factory List \$611

DISCOUNT SALE PRICE **\$498**

10% OFF

All Items In This Column

NEW HARVESTER

HANDLER ELEVATOR
Aluminum Model 50 CT, 16' Long
Top Side Motor w/Steel Mounting
Detachable Chain

\$593.00

MF 16" MOLEBOARD

PLOW 3 Pt Fully Mounted
4 Bottom w/Trash Boards
No Coulters

\$480.00

ID 400 GRINDER MIXER



Nice Metal, Very Good Shape
Ready To Grind, 1000 PTO

\$2175.00

OWATONNA 450 MIXER

Ready
To Go

\$1950.00



Like New ZIMMERMAN

TANDEM AXLE TRAILER

With Surge Brakes, Ramps 68"

Inside
Bed
Width

\$1850.00

USED CASE 70 SERIES HEAVY DUTY FRONT END LOADER

ATTACHMENT

w/Hydraulic Dump & Down Pressure

2 Spool Valve w/Hoses to Plug Into

Tractor Remotes 6' Wide Material

Bucket Mounting Brackets Width To

Fit 1200 David Brown 1210 Case

1212 Case This Loader Is Designed

For Up To 100 HP Tractors

\$1,580.00

LITTLE GIANT 32' HAY & CORN ELEVATOR

\$575.00

Used Late Style DUNHAM LEHR

42 SERIES HYDRAULIC WING

FOLD PACKER w/17" Crowfoot

Rollers 24"9" Rolling Width w/Dual

Transport Wheels And Hydraulic Lift

Cylinder And Hoses To Hitch Pin.

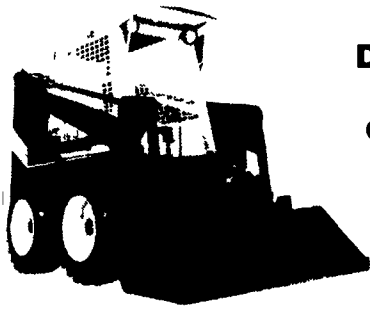
Complete **\$3,190.00**

BRADY 25 FOOT WING FIELD CULTIVATOR w/Hydraulic Fold

Cylinder & Hoses No Lift Cylinder

& Hoses Included **\$3,145.00**

Binkley & Hurst Bros. CASH & CARRY DAYS SALE Extended Thru Sat., Dec. 31st



SPECIAL - BRAND NEW DEMONSTRATOR DIESEL POWER!

New World Class Leader

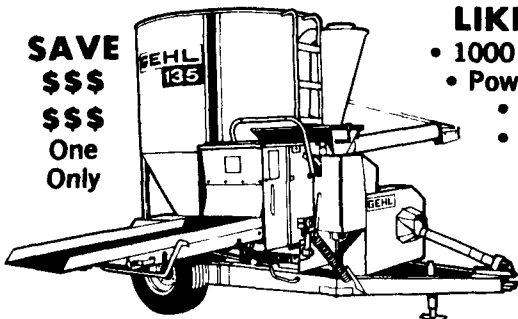
GEHL 4610 DIESEL One Only Serial #3195

New 4610 Diesel Features:

Easy service tilt cab, side console controls, low operating height, 44 HP Perkins Diesel water-cooled engine, 10-00x16.5 tires, large 65" wide material bucket. Waiver of Finance

One Only
Serial #3123 No Payments Till April 1, 1984 w/30% Down Payment
Factory List Price w/Freight \$18,611.37
Our Regular Price \$15,516.00
YOUR SPECIAL DISCOUNT SALE PRICE ONLY **\$14,800.00**

OR Pay Cash During Our Discount Days And Receive An ADDITIONAL CASH DISCOUNT OF \$350.00
A New World Class Leader Is Waiting For You Now!

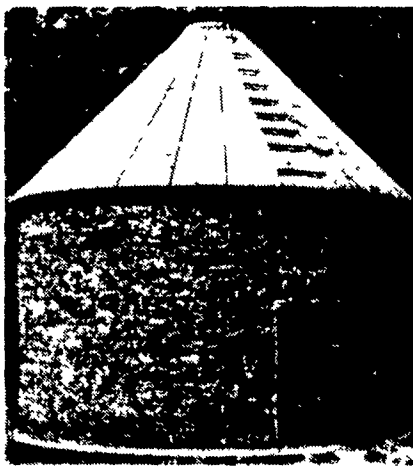


LIKE NEW GEHL 135 MIX ALL

- 1000 RPM • Analog Scales
 - Power Bale Feeder
 - 12.5x15 Tires
 - Small Grain Auger Extension
- This Mill Was Never Used

List Price \$15,000
YOUR SPECIAL DISC. PRICE **ONLY \$6,975**

\$100⁰⁰ OFF BEHLEN TOP NOTCH QUALITY CORN CRIBS



Discounted Way Below Our Cost So You Can Own Now For Next Year And Take Investment Tax Credit Benefits Now!
First Come - First Serve Basis

Did You Know Behlen Corn Crib is No. 4 gauge, Which is heavier than most other brands and helps to prevent bulging of sides.

ONLY 4 IN STOCK:

• MODEL EXL-15, 1515 Bushel Size
Our Regular Low Price Only \$996.00
DISCOUNT
SALE PRICE ONLY **\$896.00**
For Final Clearance Now!

A FEW ACCESSORIES ALSO AVAILABLE

- (4) Drag Tunnels To Lay On Floor At **\$9.50 Ea**
- (48) 16" Dia x 4' Long Ventilator Tubes At **\$27.50 Ea**
- (30) 10" Dia x 4' Long Ventilator Tubes At **\$15.00 Ea**
- Corn Spreader Deflectors For Even Filling Of Your Crib At **\$19.50 Ea**

REMEMBER! ONLY 4 CRIBS LEFT!

RECENT TRADE-IN'S

- JD Model 350 4 Bar Rake
- Deutz Farr Model KH40 Tedder, 16½' Width
- NI 224 10 Ton Tandem Single Beater Spreader w/End Gate, Cylinder & Hoses
- NH 790 Spreader w/End Gate

BRAND NEW DEMONSTRATOR - IT REALLY WORKS!



15% OFF

This Machine Loves Tangled, Heavy, Down Crops

Cut condition and windrow up to 7'10" in even the heaviest crops with the 1080 disc mower conditioner from Gehl. Six counter rotating three knife discs slice through your crop at up to 54,000 cuts per minute leaving your fields cut short smooth. Intermeshing rolls aggressively grab the crop, yet gentle condition it to speed drying and reduce leaf loss. Stop by and see the high speed efficient 1080 disc mower conditioner in action.

Our Regular Low Price is \$9,219.00 Serial #2447

LESS 15% = A BARGAIN At Only \$7,836.15
ONE ONLY (Ouch, It Hurts!)

TAKE 40% OFF PRICES ON THESE NEW GEHL FORAGE BOXES IN STOCK

New Gehl 640 Wood Box 6'x16' Long With Roof, Rubber Trough Unloading Extension, 3 Beaters, Continuous Drive Serial #3518
FACTORY PRICE W/FREIGHT & SETUP **\$4843¹⁵**

New Gehl Model 640 Wood Box 4'x16' 2 Beaters, No Roof, With Rubber Trough, Unloading Extension, Serial #3439
FACTORY PRICE W/FREIGHT & SETUP **\$4,041.46**

New Gehl Model 640 Wood Box 4'x14', 2 Beaters (No Roof) With Rubber Trough Unloading Extension Serial #3423
FACTORY PRICE W/FREIGHT & SETUP **\$3848⁰⁰**

NOW IS THE TIME TO SAVE BIG!!



Don't Miss This!

If You Are Considering An Almost New **4 WHEEL DRIVE** At A Used Price Consider This One And Save Over \$19,000

We Are Offering A **Case 4690 4WD** With Approx. Only 573 Hrs., w/Gross Engine HP of 256. This Unit And Buy For Only **\$42,800**

And Get **8.8% Simple Interest**. Financing For 3 Years Or More Or Maximum of 42 Months. This Is The Time To Save On Tax Credits!

- White 4-150, 4 Wheel Drive, 1974 Model, 151 H.P.
- White 2-105 4 Wheel Drive, 1979 Model, 105 H.P.
- White 2-70, 1979 Model, 70 H.P.
- White 2-155, 1976 Model, 181 H.P.
- Oliver 550 w/Loader, 40 H.P.
- Case 2590, 1978 Model, 180 H.P.
- Case 2470, 4 Wheel Drive, 1974 Model, 215 H.P.
- Case 2590, 1980 Model, 180 H.P.
- Case 2670, 4 Wheel Drive, 1975 Model, 260 H.P.

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543

PH: 717-626-4705

Hours: Daily 7 AM to 5 PM; Sat. 7 AM to 11:30 AM

NOTICE:

FARMERS & DEALERS WELCOME!
Come And Make Your Deal Now!
BUY MORE THAN ONE & SAVE \$ \$ \$

IH 986 DIESEL Like New Only 850 Hrs.



105 PTO Rated HP w/4 Post Rops. Complete Enclosure Kit For Winter Time, 18.4x38 60%, 10.00x16 60%, 2 Weights On Each Rear Wheel, 8 Front Weights, 540-1000 PTO, Dual Remotes, Late 1979 By Serial No Was \$16,900

DISC. TO ONLY **\$13,900**
With Financing Available To Eligible Penna. Buyers at 14% APR

BUY TWO FOR ONE MONEY



(2) 670 M MOLINE TRACTORS FOR (1) PRICE
Rated at 72 HP

• (1) Diesel w/Approx. 3190 Hrs. w/ Wide Front Power Steering, 540-1000 Dual Shaft PTO, Good 2 Speed Auto Torque Amplifier, 3 Pt Hitch w/Top Link, 18.4x34 90% Tread Good and 7.50x16 Front Tires Good. Engine Has Very Little Wear, Ave Cond

• (1) Gas Model Equipped Similar To Above Unit, Except It Has Approx 2850 Hrs and 18.4x34 Tires 50%, Double Remotes Reg Price For The Pair \$6,900
DISC. SALE PRICE **\$6,500**
ONLY **\$5,900** For The Pair

CASE 570 GAS TRACTOR, Approx. 43 HP



Late 1970 Model, Wide Front w/ Hydrostatic Power Steering, Hydraulic Remote Outlet, 540 PTO 14.9x28 Approx 40% Tread

SALE PRICE **\$3,850**
OR BEST OFFER

CASE 1410 80 HP DIESEL Utility Tractor

w/Power Shift Transmission 18.4x34 Rear Tires

\$7900 **\$6900**

CASE 1290 DIESEL TRACTOR Like New, 53 HP w/Independent PTO SAVE \$2,150

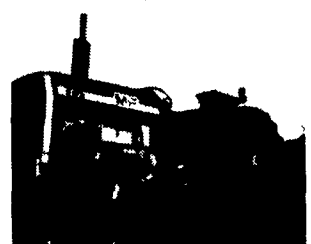


Serial #11050229, 107 Hrs, 16.9x30 Manual Adjust Tires, Single Remotes, 3 Pt With Top Link, Less Rollbar, 4 Way Turn Signal & Flashers, 90 Hr. 50/50 Driveline Warranty
Reg. Price \$11,800

DISC. SALE PRICE ONLY **\$9,950**
Financing Available

MF 265 DIESEL

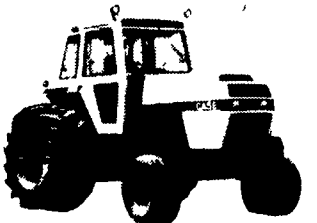
62 H.P., Like New Condition with MF Loader (Not Mounted)



1300 Hrs., Wide Front, Like New, No Multi-Power, 8 Speed, 540/1000 PTO, Single Remote, 16.9x38 Tires, (50 Hrs. on Tires), Windbreaker w/ Glass Windshield (Not Installed), Loader (Not Mounted) But Has Front Mount Pump Kit, 44" Trip Dump Fork
Reg. Price \$11,800

DISC. SALE PRICE **\$9,800** As Is

SAVE \$4,300 Real Nice Good Used CASE 2390 DIESEL TRACTOR



160 Plus HP, Cab, Air, Heat, 20.8x38 Rear Tires 70%, 11.00x16 Front Tires, Power Shift, Dual Remotes. Serial #8837014 (Front Weights Not Included)
Reg. Price \$27,800

DISC. SALE PRICE **\$23,500**
Financing Available
We Are Ready To Deal If You Are

CASE 970 DIESEL 93 HP Rating



Serial #8784881, 1976 Model Original White, 2239 Hrs, 8 Speed Transmission, 18.4x38 80% Tread, 10.00x16 75% Tread, Dual Remotes

Reg. Price \$8,900
DISC. SALE PRICE **\$7,900**

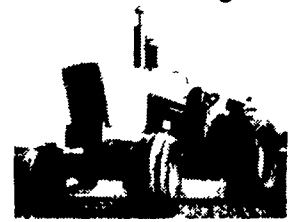
CASE 870 DIESEL Tractor w/ Cab & Heater



70-80 HP Range, Approx. 3284 Hrs Engine Does Not Use Excess Oil, 540-1000 PTO, Dual Remotes, (1) Front Weight and 1 on Each Rear Wheel

Reg Price \$7,980
DISC. SALE PRICE **\$7,480**

CASE 1070 POWER SHIFT DIESEL 108 HP Rating



1970 Model Serial #8661554, 3167 Hrs, 12 Speed Power Shift (Trans Rebuilt), 18.4x38 Rear Tires (1) 95%, (1) 60%, 11.00x16 Front Tires, 540/1000 RPM PTO
Reg. Price \$8,300

DISC. SALE PRICE **\$7,750**

WHITE 2-150

Big HP At The Right Price! Approx. 142 H.P.

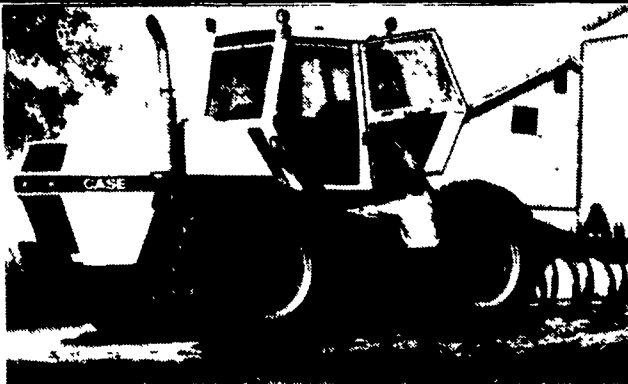


Serial #271240-410, 1976 Model, 1400 Hrs Original, Cab, Air, Heater, 6 Speed w/3 Speed Over and Under, 18.4x38 90% w/Dual Wheels To Go Along, 11.00x16 15%, Engine Good (Not Oil Burner)

Reg. Price \$16,850
Make A Reasonable Offer
Financing Available

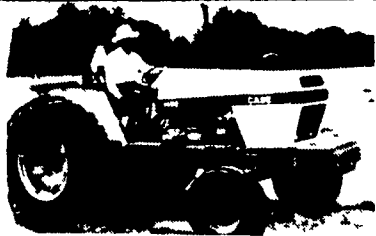
Binkley & Hurst Bros. CASH & CARRY DAYS SALE Extended Thru Sat., Dec. 31st

**SAVE
\$5,000
OFF
Our
Low
Used
Selling
Price**



1981 Like New Case 4490 4 Wheel Drive Diesel Tractor With Only About 474 Hrs., 20.8x34 Radial Tires, 3 Pt. Hitch, PTO, 4 Remotes, Hillside Crab Steering, 1 Only
\$37,800

PLUS Big Trade-In Allowances, And Get Financing At Only 8.8% Simple Rate Interest Up To Maximum of 42 Months



**CASE 1490
LOW-PROFILE**
Like New, 310 Hrs.
SAVE \$600⁰⁰ NOW!
Serial #11184431
1981 Model

- 12 Speed Power Shift
 - 16.9x34 Tires Like New On Manual Adjust Rims
 - 10.00x16 Tires Like New
 - No Rollbar or Wts.
 - 90 Hr. 50/50 Driveline Warranty
- Reg. Price \$14,900

DISC. SALE PRICE \$14,300

NOTE
Eligible For
No Interest -
No Payments
Waiver Till
March 1, 1984

Ideal For The Garden Farmer!
CASE 885 DIESEL



43 HP Diesel
Serial #636937, 3987 Hrs., Power Steering, 12 Speed Transmission, 13.6x28 - 15%, 6.00x16 Smooth, No Weights
\$4,848.00

SAVE \$663.00
FARMALL 230w/2 Pt. Fast Hitch, Good Mechanical Condition, Could Use Paint, 11.2x36 Rear Tires Approx. 1/2 Tread, Front Wheels Cast, Late Style Hydraulic Pump, 540 PTO, Rear Wheel Weights, Cast Type
Reg. Price \$2,650
DISC. SALE PRICE \$1,987

Real Clean Tractor
12% OFF
FORD 8000 DIESEL



(No cab), Serial #C317978, approx 1971 Model, Dual Power Transmission w/Filter Kit, 540 PTO, 3 pt Hydraulic Remote Outlet, Approx 4392 Hrs., 18.4x38 Rear Tires on Power Adjust Wheels, Engine Runs Good!

Ready For Your Field
Reg. Price \$7,900
Don't Forget To Deduct 12%
And Save Now!

Ford Model 4500 Diesel Backhoe Loader Tractor



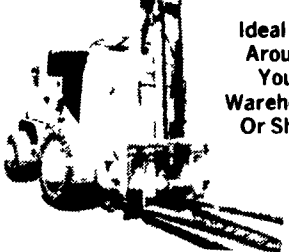
1969 Model, Standard Shift Transmission (4 forward, 4 reverse), 16.9x24 Rear Tires, Approx. 30%, 24" Trenching Bucket
Reg. Price \$7,200
DISC. SALE PRICE \$6,800
MAKE OFFER

**AC XT 190 DIESEL
REDUCED TO
\$4996**



Serial #16835, 1965 Model, 4300 Hrs., Hi & Lo Torque, Rebuilt, 540 PTO, Heat Houser, 18 4x34 70% Tread, Engine Serviced With Valve Job, New Rings, Rod Bearings & Sleeve O Rings, Filters & Oil
Reg. Price \$6,650
DISC. SALE PRICE \$5,996 As Is

50% OFF
LOOK AT THIS!
Compact Hough Tow Motor

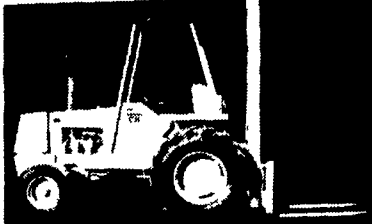


Ideal For
Around
Your
Warehouse
Or Shop

Rear Wheel Steering, Hard Rubber Tires, Large Drive Wheels On Front, Pallet Forks Approx. 36" Long, Engine Rebuilt 2 Years Ago Lifts About 4 1/2 Feet High, Ideal For Warehouse Work Ready For Work
Reg. Price \$3,600

Own A Good Solid Running Machine Now!

MUST MOVE - 20% OFF



CASE 586C DIESEL
6000 lb. Forklift w/48" Pallet Forks Side Shifter, Less Than 900 Hrs. Serial #9060824
Only \$17,900
Don't Forget To deduct 20% OFF
And Save Now!
1 Only At This Price

FARMALL SUPER C
w/2 Row Cultivator, 2 Row Corn Planter, 2 Bottom Plow, Tires Good, Paint Faded
SALE PRICE COMPLETE \$2,350

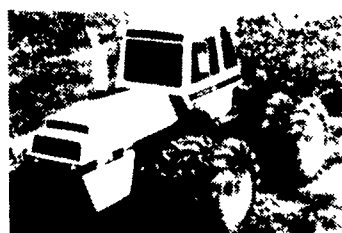
DEUTZ 90-06
Dyno Tested at 106 H P
Real Sharp In Excellent Condition!



Serial #4773875, 3061 Hrs. Tractor in Very Good Shape, 3 Pt. Hitch With Top Link, 540/1000 PTO
Reg. Price \$7,200

DISC. SALE PRICE \$6,740

SPECIAL 12% OFF
LOOK! There are 300 Horses Coming Your Way If You Buy This Like New Case 2870 4 Wheel Drive Tractor Now!



Cab, Air, Heater (Pressurized Dust Free Cab) Serial #8854222, 825 Hrs., Dual Remotes, 3 Pt. With Quick Hitch, 20.8x34 Tires & Dual Wheels, 1000 RPM PTO, On The Go Power Shift (12 Speed Transmission) Ready For Hard Work
Regular Price \$33,800
Remember! Deduct 12% OFF
Of This Price Now During This Discount Sale And Save!

JD 4230
Cab, Air, Heater, Power Shift, 1976 Model, Has Approx. 3000 Hrs., Engine Checked and Rebuilt at 2700 Hrs. and Had Turbo Charger Installed At That Time, 20.8x38 50% Tread, Front Weights and Rear Wheel Weights, 540-1000 PTO, Mid West Auxiliary Fuel Tanks, Beautiful Cab Interior, Double Remotes, Ready For You!
Reg. Price \$17,800
DISC. SALE PRICE \$16,900

OR BEST OFFER
Financing Available!

JD 4020 DIESEL
Save \$1,000 \$
Wide Front, Power Steering, Power Shift, 15.5x38 20%, 3 Pt Hitch (No Top Link), 1964 Model
Reg. Price \$7,900
DISC. SALE PRICE \$6,900

JD 4010 DIESEL
Dyno Tested 84 H P
Save \$1,000 \$



Serial #50724, 1963 Model, 5000 Hrs., 3 Pt. with Top Link, Good General Appearance, 16 9x38 - 50% Tread, 8 Speed Transmission
Reg. Price \$7,900
DISC. SALE PRICE \$6,900

JD 2010 DIESEL, 46 HP
30% OFF



Runs & Works, Metal Fair (Not Fancy), 3787 Hrs, Single Hyd. Remotes, 3 Pt. Hitch, 540 PTO, 16.9x28 Rear Tires - 80%
Reg. Price \$4,850
Don't Forget To Deduct 30%
And Save Now!



Reg. Price \$2,850

DISC. SALE PRICE \$2,580

FARMALL SUPER A
w/Cultivators
A Real Dandy -
Very Sharp

- Cultivators & Lights
- Only Used As A Garden Tractor
- Good Rear Tires

**BARGAINS ON
GOOD USED SKID LOADERS**

**GOOD USED CASE
1845
UNILOADERS**



- 4 Diesels
- 1 Gas

Serviced To Go To Work!
In Stock - Financing Available!

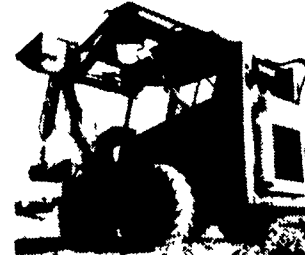
• **1845 Diesel** Serial #9836925, 10.00x16.5 Tires, 3050 Hrs., 73" Utility Bucket
SALE PRICE \$8,900

• **1845 Diesel** Serial #9843369, 1979 Model, 1265 Hrs., 12.00x16.5 Tires, 30%, 73" Dirt Bucket, Block Heater, Excellent Condition, With Case D130 Backhoe Digs 130" with 24" Trenching Bucket
SALE PRICE \$13,822

• **1845 Diesel** Serial #9840808, 1978 Model 2208 Hrs., 73" Utility Bucket, 12.00x16.5 Tires 15%, Metal & Paint Good Shape
SALE PRICE \$9,200

USED GAS CASE
1845 Unloader, Serial #9836869 Approx. 3008 Hrs., 12.00x16.5 Tires, Truck Tread Worn, 73" Wide Utility Bucket
Reg. Price \$8,700
DISC. SALE PRICE \$7,800

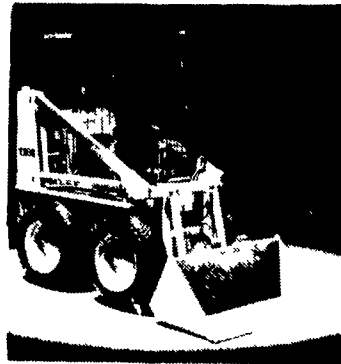
CASE 45 HP DIESEL
Model 1845 Unloader w/Backhoe Attachment, Ready For Hard Work



1979 Model Serial #9843500, Less Than 900 Hrs., 73" Dirt Bucket, Big Flotation Lug Tires 12.00x16.5, 40% 12" Backhoe Trenching Bucket, 18" Backhoe Trenching Bucket
ONLY \$13,800

All Machines Serviced, Financing Available, Buy During This Discount Sale And Save \$5

**Good Used CASE 1816
HYDROSTATIC UNI-LOADERS**



Serial #9834180, 44" Wide Bucket, Electric Clutch, Good Paint and Set 5.90x15 Tires
Reg. Price \$3,600
SALE PRICE \$3,350

• **1816B** Serial #9846417, 1979 Model, Rebuilt Engine, 44" Bucket, 27.5x16 Tires 20%
Reg. Price \$4,380
SALE PRICE \$3,980

MF MODEL 811 DIESEL
Skid Loader w/Hydrostatic Drive, Good Tires, Late 1975 Model
Reg. Price \$7,900
SALE PRICE \$5,900
Financing Available!

**CASE 1830 HYDROSTATIC
UNI-LOADERS**

5 To
Choose
From



• **1830 Serial #9833696**, 1976 Model, 54" Dirt Bucket, Truck Type Tires, (No Hr. Meter From New, Was Optional) Engine Rebuilt
Reg. Price \$6,900

SALE PRICE \$5,980

• **1830 Serial #9824642**, 1974 Model, 9.50x16.5 Tires, 60" Dirt Bucket, No Hr. Meter
Reg. Price \$6,380
SALE PRICE \$5,220

• **1830 Serial #9839877**, 1978 Model, 2780 Hrs., Engine Completely Rebuilt and Serviced, 60" Dirt Bucket, 10.00x16.5 Tires 50%
Reg. Price \$7,690
DISC. SALE PRICE \$5,960

12% OFF

**FORD
CL-40
SKID
LOADER**



Ford V-4 Gas Engine, 50" Bucket Canopy, Serial #6583
Only \$7,880
Deduct 12% OFF Save Big During This Time Limited Sale!

Also Available
FORD CL40 Serial #5434 With Narrow Tires As Is Condition
SALE PRICE \$5,957

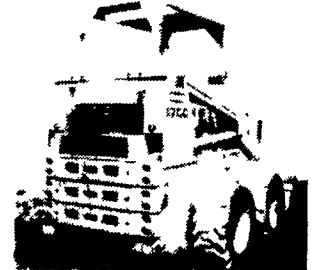
**25% OFF OWATONNA
MODEL 330 SKID LOADER**



Hyd Drive, Approx. 25 HP, Hydrostatic Drive.
Reg. Price \$3,980
Deduct 25% Now & Save!

**Good Running CASE 1537
UNI-LOADER**
w/4 In 1 Bucket Plus Manure Fork
Reg. Price \$3,900
DISC. PRICE \$3,580

**A BARGAIN! Beautiful
Owatonna 1700 Skid
Loader**



Equipped w/Ford Gas Engine, w/Bucket & Fork
Reg. Price \$5,860
SALE PRICE \$4,950

**THOMAS HYDROSTATIC
SKID LOADER**, Approx.
30 HP, As Is
\$2950



FARMALL 806 GAS
A Good Wintertime
Manure Spreading
Tractor

1967 Model Serial #502754

Uses No Oil, Dual Remotes, Fast Hitch
18.4x34 (1) 90% Tread
Tires (1) 50% Tread

ONLY \$4,950

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543

PH: 717-626-4705

Hours Daily 7 AM to 5 PM; Sat. 7 AM to 11 30 AM

Binkley & Hurst Bros. CASH & CARRY DAYS SALE Extended Thru Sat., Dec. 31st

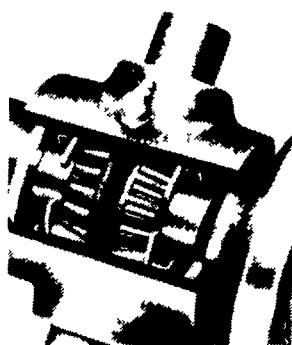
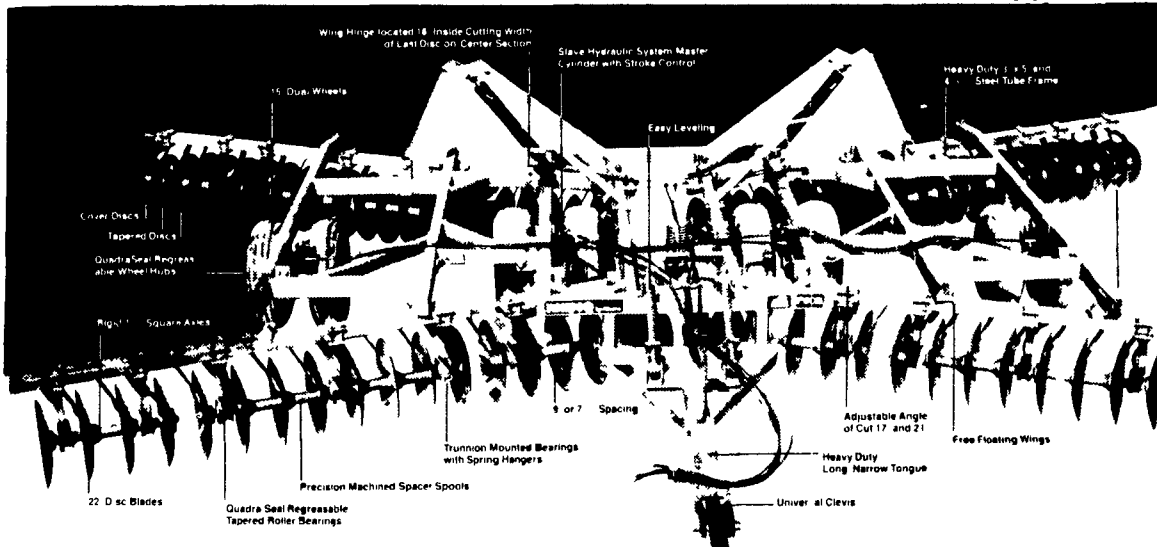
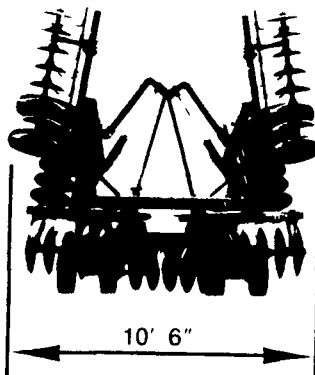
**LOOK AT THIS!! Cut & Finish... Unbelievable Special
YEAR END SALE - SAVE \$\$\$ BY BUYING NOW!!**

RHINO ATHENS MODEL FLEX B90

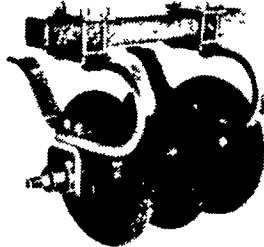
**No Need To Demonstrate This Machine...
IT HAS PROVEN ITS PERFECTION!**

Rhino gives guaranteed satisfaction; Buy with confidence from a reliable dealer - many other farmers have!

SUPERFOLD EXCLUSIVE - Approx. 10'6" to 11'6"
Transport Width On Larger Models



Guaranteed Quadraseal Bearings. The unique Rhinodouble row tapered roller bearing is guaranteed for two years and provides greater life and dependability than competitive bearings. The Quadraseal double row tapered roller bearings offer more capacity than single row ball bearings.



Spring Bearing Hangers reduce shockloads to the blade, axles, bearings and frame when working in fields with rocks or stumps. The Rhino 1"x2" spring bearing hangers provide maximum strength, add protection, and reduce downtime expenses. The Rhino Quadraseal gang bearings are trunnion mounted to the spring bearing hangers to allow the gangs to flex freely without undue stress being placed on the gang axle.

FINAL CLEARANCE ON MACHINES IN STOCK

Save \$ \$ \$ NOW!

Cutting Width	Blade Spacing	No of Blades	Approx Wt Per Blade	Factory Price	YOUR DISC BUYING PRICE	Serial Number
15'	9" Blade Spacing Front & Rear Gangs	40	168.67 lbs	\$12,780.00	\$ 7,668	Just Arrived
16'5"	9" Front Gangs and 9" Rear Gangs	44	161.20 lbs	\$13,126.66	\$ 7,876	Just Arrived
16'5"	9" Front Gangs, 7 1/2" Rear Gangs	48	150.25 lbs	\$13,401.60	\$ 8,041	#093066
17'8"	9" Front Gangs, 7 1/2" Rear Gangs	52	142.71 lbs	\$13,700.00	\$ 8,220	#023084
17'11"	9" Front and Rear Gangs	48	151.72 lbs	\$13,428.33	\$ 8,057	#122023
18'10"	9" Front and 7 1/2" Rear Gangs	56	136.66 lbs	\$14,016.66	\$ 8,410	#023085
19'4"	9" Front and Rear Gangs	52	144.32 lbs	\$13,733.33	\$ 8,240	#023086
22'2"	9" Front and Rear Gangs	60	142.10 lbs	\$15,413.00	\$10,927	#102028
23'7"	9" Front and 7 1/2" Rear Gangs	70	130.08 lbs	\$16,654.00	\$11,732	Just Arrived
24'9"	9" Front and 7 1/2" Rear Gangs	74	126.25 lbs	\$16,947.00	\$11,990	Just Arrived

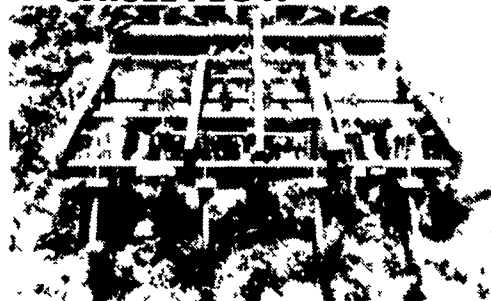
PRICES INCLUDE SETUP & FREIGHT... NO HIDDEN EXTRAS TO BUY!

All Hydraulic Cylinders & Hoses To Tractor Are Included In Prices

14% FIXED RATE FINANCING AVAILABLE For 36 Months to all PA. Buyers

NOTE: 7 1/2" Spacing on Rear Gangs is ideal for chemical incorporation - A Rhino Exclusive. Don't Settle For Less, Get The Best At A Much Better Price!

Something New From Rhino... SOIL SAVER TYPE 890 COULTER CHISEL PLOW



Rhino 890 Coulter Chisel

**Pull Type
With
Out-
standing
Features**

- Hyd. Adj. Coulter Gangs Are Standard.
 - For Clearance, Check The 32" Heavy Duty Shanks
 - 6'8" Cutting Width
 - Hyd. Controlled Depth Penetration Of Slicer Blades So You Can Raise Above Ground When Not In Use.
 - Heavier Than Most - 3400 Lbs. Setup
- Reg. Price... \$4,793.00
DISC. SALE PRICE \$3,448.00

NEW RHINO 156 CHISEL PLOWS



All Units Have
3 Pt Hookup
**2 BAR and 3
BAR MODELS
IN STOCK**

- 5 Shank, 32" Hi-Clearance 2 Bar Spring Shank w/Curved Shovels **SALE PRICE \$798**

- 7 Shank 32" Hi-Clearance 2 Bar Spring Shank w/Curved Shovels **SALE PRICE \$1,040**

- 7 Shank 32" Hi-Clearance 3 Bar Spring Shank w/Curved Shovels **SALE PRICE \$1,175**

Plus \$248 For Gauge Wheels If Wanted

USED CHISEL PLOWS

All Units Have 3 Pt Hookup

- Like New, Used Rhino 10 Shank 32" Hi Clearance 3 Bar Springs Shank w/Curved Shovels w/Gauge Wheels **SALE PRICE \$1,350**

- Used Case 10 Shank 32" Hi-Clearance 3 Bar Spring Shank w/Curved Shovels, Gauge Wheels **SALE PRICE \$1,185**

ALL USED DISK HARROWS BELOW RECEIVE 15% OFF THE LISTED SALE PRICES

HEAVY DUTY TRANSPORT DISK HARROW

(Loves Rocks)

Each Gang Flexes Individually For Rocks



USED RHINO 131 TANDEM DISK

12'11" Cutting Width
Blades measure approx 23" Diameter

Prices Includes Hydraulic Lift Cylinder & Hoses

\$3,890⁰⁰

A unique disk harrow designed for hard to plow or rocky soils heavy stalks. The built in flexibility in each gang assures long life and low maintenance costs while adding profits by providing better yields. **Features include:** Heavy Duty Frame, Relube Ball Bearings, 1 1/2" Square Axles, Heavy Duty Scrapers, Factory Assembled Gangs, Tapered Rear Gangs, Independent Gang Angling and Leveling, and Tongue Jack.

READY TO GO! JD 220



22 Ft. Centerfold Disk, 9" Front & Rear Spacing, (6) 11Lx15 Tires, Blades Approx. 20" dia., Includes Furrow Filler Cover Blades

~~\$4250~~ **\$3,950**

Ready For Work

WHITE 263 TANDEM HARROW

19' Cutting Width w/ Manual Folding Spring Assist Wings, Dual Transport Wheels, (No Hyd. In Price) Blades Approx. 17" to 18" Dia.

Ready To Go
\$2,985⁰⁰

Like New, Double Offset Style AC MODEL 2500 12 FT. DISK HARROW

Rock Flex Hangers, 22" Blades, Approx. 3200 Lbs. Front Blades Cutout Type, Rear Blades Smooth Type (Traded For Heavy Weight)

\$3,980⁰⁰

USED ATHENS 131



12'11" Cut Disk, Approx. 20" Diameter Blades (No Lift Cylinder In Price)

**ROCK LOVER WITH
INDIVIDUAL
GANG FLEXABILITY \$2,960**

OLIVER 12 FT. DISK HARROW



**SALE
PRICE
\$789**

**GOOD USED OLIVER
TRANSPORT DISK HARROW**
9'3" Cutting Width, Blade Dia. Approx. 18" to 20"
\$1,050⁰⁰

FRICK 10 FT. TRANSPORT DISK HARROW

w/7 1/2" Blade Spacing, Approx. 20" Dia. Blades on Front Gangs, Rear Gang Blades Worn

\$675⁰⁰

IH MODEL 370 TRANSPORT DISK HARROW

Blades Approx. 19" to 20" Dia., 12" Width, Ready To Go

\$985⁰⁰

AC WING FOLD DISK HARROW



- 19 Ft. Cut
- Blades Measure Approx. 20" to 21" Dia.

\$3,200⁰⁰

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LEOLA, PENNA.

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- Case 995
- Case 430
- David Brown 990 w/Loader
- Oliver 500
- Oliver 1755
- Oliver 1655
- White 2-105 Tractor
- Farmall C w/cult & Loader
- SAME Tiger 100 4 WD

LOADERS

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- Case 1740 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Dunham Lehr No 22 Loader
- Int 3200 Skid Loader

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- Case 6-Bot Plow, 20"
- Case Disc Harrow, 10'
- Oliver 2 Bot Trailer Plows
- Used Cultipacker

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- Case 600 Combine w/3-Row Head
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 767 Super Chopper
- NI 735 Cornhead
- NI 744N Cornhead
- NI 323 1-Row Corn-picker
- NI 325 2-Row Corn-picker
- NI 324 2-Row Corn-picker
- IH 550 Harvester
- Case 300 Harvester
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead

HAY EQUIPMENT

- NH 479 Windrower
- NH 1002 Stack Wagon
- Hesston PT 10
- Hesston 1090 Windrower
- Dump Rake
- Bale Thrower Wagon
- Case Hay Rake
- NI Hay Rake
- NI 456 Round Baler

MISCELLANEOUS

- Ford 4 Row Corn Planter
- IH 400 Corn Planter, 8 Row
- 8 Used Spreaders
- NI 218 Spreader

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Hesston 1090 Windrower
2 Year Warranty
Demonstrator
\$4,900!

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New Redesigned

Glencoe field cultivators

Do the job and hold together!



P20-37

- Exclusive 3-position Adjusto-Pitch* shanks for precise pitch angle and depth control
- Higher clearance and independent shank mounting for minimum drift and bounce
- Pull easier, cover more ground with the same power

— SPECIAL PRICES —

For Year End Clearance!

- Model P18-19, 10'6" List Price \$2123
DISCOUNT SALE PRICE **\$1813**
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DISCOUNT SALE PRICE **\$2069**

These Units Set Up And Ready To Go!

 Soil Saver Soil Controller SPECIAL FINAL CLEARANCE SALE

Take Another 25% OFF
Our Already Low Prices Shown Below

Conventional
Non-Fold
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- New Case 7 Shank, Serial #1657940
\$5389.00
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\$6154.00

WING FOLD MODEL IN STOCK

New  Soil Controller
(Same as Landoll)

- New 15 Shank Soil Controller With an 18 Foot 9" Cutting Width Spring Shanks - Hoses To Tractor. Weight Over 9,949 Pounds
Wing Folds to transport width of only 10'7"
- Wings flex 7½° (up & down) for working terraces and uneven ground.
- Hyd. controlled (4-3½"x16" wing cyl. are std.) wings fold 180° for low transport height and width - Only 10'7" on 15-shank model.

Set Up And Ready To Go

Brand New, Never Used. Serial #1657943
List Price Over \$15,663
\$12,780

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ALL THESE PRICES & SAVE NOW!



RHINO 76 DOUBLE OFFSET DISK

With or Without Wings

A Disk Harrow That Is Self-Leveling With A Flex Frame And Rock Flex Bearing Hangers

A Do-It All Cut & Finish... And Affordable!

If you want faster incorporation, better seedbeds and less time in the field, Rhino Products' R76 is the disk for you. The advanced Double Offset design lets you disk at faster speeds - vary the field speed on-the-go - and still leave a uniform level seedbed behind.

2 YEAR GUARANTEE ON QUADRASEAL™ ROLLER BEARINGS AND THE C CLAMP FLEX HANGER

- 10'3" Cutting Width w/Hydraulics, 22" Dia. Blades, Approx. 3263 Lbs.
Reg. Price \$4560...SPECIAL SALE PRICE **\$3421**
- 11'8" Cutting Width w/Hydraulics, 24" Dia. Blades, Approx. 3836 Lbs.
Reg. Price \$5486...SPECIAL SALE PRICE **\$4170**
- One (1) R77 Similar to Model 76 But Heavier. In Stock: 11'8" Wide Approx. 4327 Lbs. 24" Blades Serial #2093087
Reg. Price \$6459...SPECIAL SALE PRICE **\$4625**



NEW RHINO 177 TANDEM DISK

A tough heavy duty plowing disk harrow with the strength and weight for primary tillage work the Rhino 177 can be transformed into a first rate finishing disk by adjusting the angle of cut. **Features include:** Independent Dual Wheels QUADRASEAL™ Wheel Hubs (with 2 year warranty) Long Narrow Tongue Heavy Duty Spring Hangers Adjustable Angle of Cut Relube QUADRASEAL™ Double Row Tapered Roller Bearings (with 2 year warranty) Heavy Duty Axles Precision Machined Spacer Spools (with 2 year warranty) Heavy Duty Scrapers, Tongue Jack Tapered Outside Rear Gangs and Slave Hydraulics for precise leveling.

ONLY ONE IN STOCK. Serial #063068. 10'11" Cutting Width w/Spring Rock Flex Bearing Hangers, 26" Dia. Blades on 10½" Spacing w/Scrapers, Complete Hyd. w/Hoses To Tractor. Weight Over 4954 Lbs., 4 New 11Lx15 8 Ply Tires.

Reg. Price \$8,224

DISC. SALE PRICE ONLY **\$4,934**

NEW! DUNHAM LEHR 41 MULCHER



14'2" Rolling Width, Weighs 5535 Lbs.
Tomorrow's CultiMulcher today! Shock absorbing modular design. Built to work all day without a break.

Equipped w/Hyd. Lift Cylinder (No Hoses)
Knock Down Our Reg. Low Price of \$5,381 -

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One Only

NOW

FARMHAND 4 ROW HIGH SPEED CULTIVATOR w/DANISH TINE



In Stock, Slightly Weathered
Our Reg. Low Price \$1,500
REDUCED TO ONLY **\$1,290**

ONE ONLY

NOW **DUNHAM LEHR
SERIES 40
CULTIPACKER**



9'11" Rolling Width (Transport Not Included) Setup, Reg. Price \$1,038

DISCOUNT SALE PRICE ONLY **\$769**

**NEW RHINO ATHENS
MODEL 62 DISK
HARROW
TRANSPORT**

10'6" Cutting Width, 20" Dia. Blades on 7½" Front & Rear Spacing, Relube Ball Bearings, Hyd. Lift Cylinder & Hoses
In Price Reg. Price \$3158

SALE PRICE **\$2839**

FIELD DAY
DEMONSTRATOR
UNIT DISC

- 89

YOUR COST **\$2,750**

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A JOYOUS CHRISTMAS

LET US NOT FORGET THE TRUE MEANING OF CHRISTMAS, THE BIRTH OF CHRIST THE LOVE HE HAD, TO DIE FOR OUR SINS. MAY WE LET THAT LOVE SHINE FORTH THIS JOYOUS CHRISTMAS SEASON AND THROUGHOUT THE NEW YEAR.

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May the spirit of Christmas inspire mankind to persevere in quest to the blessing of Peace on Earth



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MF 880, 6F-16"
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Gehl HL 3510
Gehl HL 2600
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Sauder to fit JD 2010

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Brillion 12' Pulimulcher
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MF 300, cab
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MF 540, 13'
MF 510

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Gehl 115
Allied 285

SPREADERS

Gehl 250
Martin 1263
Scavenger
MF 130
NI 244, hyd. gate

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MF 30
MF 20C w/Cab

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NH 273
MF 12 w/thrower
JD 14T
Hesston 5600

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Ford 501, 3 Pt.
Hesston SP320
Hesston 1090
Hesston PT10
NH 461
NH 469
JD 1209
NI 299, used 2 yrs.
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MF 550 hydro.
Field Queen 7650
Gehl 1400 Baler

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JD F145A 5x16 semi-mount plow
JD F350 4x16 hydraulic reset plow
Freeman loader for MF 135 tractor
NI loader
JD 709 rotary cutter
JD 336 baler w/ejector
JD 346 baler w/ejector
NH 855 round baler, 2 mth. old, like new
JD 567 6 wheel rake, like new
IH 56 corn planter w/disc openers
Oliver 10' transport disk
JD 494A Planter
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JD 444 corn head
JD 7700 combine w/6 row corn head

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JD 2440 Tractor w/Hi/Lo Shift,
Roll Guard & Canopy, 16.9-30
Rear Tires \$18,000*
* Above prices include JD rebates.

JD 950 Roller Harrow 12'	6133.00	5250.00
JD 146 loader	3576.00	2750.00
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MC, A, B, 1020, LA
Oliver: 66, 77, 1850
MF: 20, 30, 50, 65, 85
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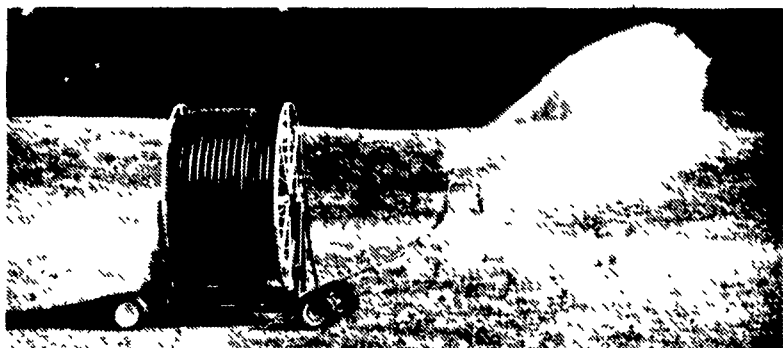
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Case 730, 830
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- **Radial Inflow Turbine Drive** originated and patented by Ag Rain. It's the most efficient turbine drive on the market. It saves energy. Unit is totally gear driven. Reel has roller cog drive. no inefficient V belts.
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- **Tachometer Speed Setting** convenient direct read out of ground speed. Set and forget.
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- **Reel Swivels** easily on ball bearings. irrigates up to a half mile from one position.
- **Dwell Timer** delays start of travel. results in uniform end of field watering.
- **Four Models** to choose from. 4 1/2 inch x 900 feet. 4 1/4 inch x 1150 feet. 3 3/4 inch x 1250 feet. or 3 inch x 880 feet.

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New TW 20 w/cab, 4wd,
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NEW HOLLAND

New TR70 Combine
w/cab, air, heater,
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reel
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NI 406 rake
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\$6,250

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Special NH L-35 (Rental) Skid
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Wishes!

...For A
Happy
Holiday
Season

And A Special "Thank You" to our Many
Good Friends. Hope We Continue To
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Ph: (215) 367-2169
Daily 7 to 5:00, Sat. 7 to 3:00

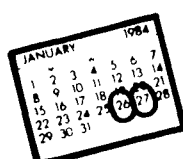


We're Delivering Our
Sincere Thanks
To You And Yours

The Christmas season is more than
just a holiday. It is a time to renew our
dedication to "peace on earth, goodwill
towards men." All the folks at L.H.
Brubaker Inc. sincerely trust that at
this season of the year you will join with
us in renewing our devotion to the true
Christmas theme. May your holiday be a
joyous one and may your New Year be a
prosperous one.

Only
One Week Left
To Take Advantage
Of Year End Tax
Investment
Credits!

Coming...
ANNUAL
OPEN HOUSE
Thursday & Friday
Jan. 26 & 27, 1984



Mark Your Calendar!

YEAR-END CLEARANCE ON A LARGE SELECTION OF GOOD, USED EQUIPMENT

Here's a Partial List

- NH Model 273 Engine Balers (Completely recond.)
- N.H. 676 Spreader (Completely recond.)
- N.H. L775 Steer Skid Loader (Excellent Cond.)
- Glencoe 18 ft. Field Cultivator
- Dunham 8 Ft. & 12 Ft. Culti-packers
- N.H. 488 Haybine
- N.H. Self Propelled Windrower

SPECIAL YEAR END DEALS ON NEW EQUIPMENT!

HAPPY HOLIDAYS FROM ALL OF US!

L.H. BRUBAKER, INC.

350 Strasburg Pike Lancaster, PA
(717) 397-5179



**FORD 5000 Diesel with Cab**

8 speed transmission, 8-front end weights, 2-front wheel weights, 4 rear wheel weights, 18.4-30 rear tires

Priced at \$6,900

717-859-3118

**GREETINGS**

Our Warmest Wishes For A Very Merry Christmas and A Happy New Year! Thanks For Your Patronage Throughout The Year!

WALTER G. COALE, INC.

2849-53 Churchville Rd.
Churchville, Maryland

Ph: (301) 734-7722 or (301) 879-1434

Sales & Service On:

• Ford • New Idea • New Holland •

Dismantling Combines for parts
over 200 all makes and models.
Call before you come.

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 203, 303, 403, 503, 205 & 815. JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII, E or L MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510 Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 NI Uni tractor, NI Uni - 705D (ear corn unit), combine & shellers, Case 800 & 660, 600

COMBINES

E Gleaner, 3 row narrow corn head, cab, 10' grain head
IH 205 w/10' grain head, 2R corn, \$4200
IH 105, cab, grain & 2 row corn, \$2500
Gleaner A2 w/cab & grain head & corn head, \$3650
NH 985 cab with quick-tach grain head
MF 300, cab, 13' grain head, 2 row corn head, \$3500

TRACTORS

VAC Case, tires like new, \$685
Late Farmall H, good shape
IH 1206 wide front end, torque & 3 pt., 120 HP, nice shape.
IH 560, fully equipped AC C tires, like new
Late JD A w/hydraulics JD 60 w/live PTO, \$1050
IH 3444 Diesel, industrial loader tractor, \$2475
IH 330 w/loader and power steering
VAC Case, 3 pt., hydraulics, \$750
Oliver 77 gas, \$675

TILLAGE

JD RWA 14' wheel disk, \$875
JD 1450 6 btm. 16" plow, \$1750
3-IH 10' & 12' wheel discs
10' transport roller harrow

MISC.

Hawk Bilt tank spreader, \$575
2 Dodge Buses, good running condition, makes good hay truck or campers.
Wide Front Ends, Oliver 77, Massey 44

(2) 50 bushel spreaders, \$150 & 200
Case spreader, \$275
2 sets of 18x38 rear tractor, dual wheels
New Zimmerman 32' elevator, \$1450
IH loader for H or M, \$185
Sauder loader, \$100
3 pt. Hesston round bale mover, \$450
Dump trailer will haul 12 T shelled corn, suitable for tractors 100 HP or over
IH PTO spreader, \$375
JD 1450, 6 btm., 16" plow, on land hitch, \$1575

**DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts**

JD 2010, 70D, 4010, IH 560 D, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H, & M. JD A, B, 50 & 60. AC WD, WC, D17. Oliver 70 & 77. Ford 8N, Ford 6000D. Case SC & V.A.C., DC. Massey 44D, 333, 30, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.

Dismantling 50 pickers for parts

POSITIVELY NO OUT OF STATE PERSONAL CHECKS

KEITER'S FARM MACHINERY

R.D. #1 Halifax, PA 17032 Rt. 225
20 mi. north of Hbg.
Phone: 717-362-9574

**CUMBERLAND VALLEY COOPERATIVE
ASSOCIATION**

FARM SERVICE
WEST ORANGE STREET
P O BOX 350

SHIPPENSBURG, PA 17257
TELEPHONE (717) 532-2191
or 532-7811

FORD NEW MACHINERY IN STOCK

Ford 4610SU Tractor

6610 AP
4610 SU
3610 AP
1500 AP w/Loader
CL45 Compact Loader
150 Auto Reset Plow
930 3-Pt Mowers

**FORD USED MACHINERY**

6700 (Low Hours)
960 Gas, Runs Good

MISC. NEW MACHINERY**MISC. USED MACHINERY**

2600 Gehl Skid Loader
830 Case
I H Farmall Super MTA
Hesston PT 10
New Holland 276 Baler
I H 460 w/Wide Front End
New Holland 36 Flail Chopper

Glenco SP7 Soil Saver
Hawk Bilt 2195
Little Giant 34' Elevator
Woods Mowers
McCurdy Gravity Box
Lely Spreaders
Amco Disk F17-3422
Concrete Mixer 3 Pt

OPEN Mon-Fri 7:30 A.M. 5 P.M., Sat 7:30 A.M. Noon

STIHL
The World's Largest Selling Chain Saw

ECHO

WOODS

case

RED BRAND Fence



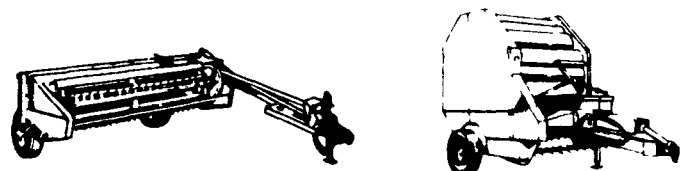
VISA

**NOBODY BEATS
OUR BALER DEALS!****DID YOU SEE THIS AD??**

Well, Now... How About That! Let's See... What Kind Of Balers Are They?... Do They Have Chains or Belts In The Chamber?... Can They Bale Haylage?... Do They Have A Solid Core or Do They Have A Soft Core?

These Are Just A Few Questions To Ask Yourself! Before You Buy, Be Sure To Give Us A Shot At Demonstrating And Pricing. Then, If You Want Any Other Baler... So Be It!

**“WINTER
SALE-A-THON”
EARLY PURCHASE/
DEFERRED PAYMENT
+BONUS DOLLARS**



**TILL JUNE 1, 1984 ON ALL
AGRICULTURAL EQUIPMENT DURING
NOVEMBER, DECEMBER & JANUARY**

**ASK ABOUT THE BUY
NOW & PAY NEXT SEASON
PROGRAMS!**

Stanley A. Klopp, Inc.

Bernville, PA

215-488-1510



**CHAMBERSBURG
FARM SERVICE, INC.**
975 S. Main St. Chambersburg, PA
(717) 264-3533 (717) 597-8811
(717) 532-8800

Prices Good Til 12/31/83	Reg. Price	Cash Price (as is)
NEW EQUIPMENT:		
C6032 IH 415 Packer Mulcher	\$ 6,300	\$ 4,300
C6145 NI 325 2-Row Picker w/12 Roll Bed (Demo)	15,000	10,000
C6181 IH 720 5 x 20 Reset Plow (Demo)	10,200	6,900
C5550 IH 2400 Big Roll Baler	12,100	7,950
M3485 H & H Feeder Wagon Bed	1,600	1,175
C5866 Badger 3260 Manure Spreader	5,391	4,400
C6119 OMC 320 Skid Loader (Demo)	12,500	8,925

(2) 20x60 Fickes Silos
w/Unloader & Feeder
\$2,500 each

USED EQUIPMENT:

C5546 JD 1240 Planter 4-Row	1,795	1,060
C5557 IH 449A Planter 4-Row	795	395
C5630 IH C Tractor Mtd Planter 2-Row	395	213
C5806 IH 400 Air Planter 4-Row	3,000	2,773
C6066 IH 56 Planter 4-Row	1,995	917
C6494 JD 1240 Planter Plateless 4-Row	1,500	1,169
C6614 Ford 311 4-Row Planter	900	637
C6259 Jamesway 60' Feeder	1,850	1,325
C5731 Hussler 56 Blower	700	541
C5636 Fox 44 Table Belt Blower	450	251
C5329 Coles KB 60 Blower	1,175	736
C5273 IH 205 Combine w/13' Platform	3,900	2,500
C5718 Mayraft 34' Elevator	695	495
M3283 NH 818 Harvester	750	500
M3367 IH 50 Harvester	500	398
C5692 Fox 546 Harvester	1,850	1,498
C5894 JD Vanbrunt 17x7 Grain Drill	900	695
M3624 Oliver 10x7 Grain Drill	395	217
M3388 Case Orchard Disc	775	312
C6041 Kewanee 13' Reel Disc	1,500	1,097
C6843 Chevy C60 Truck	4,500	3,580
C6014 IH 710 4x16 Plow	3,600	2,950
C6671 MM 4x16 Reset Plow	1,775	925
C6678 Welsh 200 Gal Sprayer	695	304
C6598 Broyhill 300 Gal Stainless Steel Sprayer	900	552
C5563 JD 10' Fertilizer Spreader	495	195
C6660 NH 12' Fertilizer Spreader	495	195
C5260 NI 213 Spreader	1,895	1,256
C5844 NI 214 Spreader	2,300	1,500
M3385 IH 155 Spreader	595	495
C6444 Badger 3,000 Gal Tank Spreader	1,500	1,000
C6677 Hawk Bilt 205 Spreader	1,000	443
C5151 Coby 4,000 Forage Wagon	1,295	925
M3589 Hesston 320 SP Windrower	2,200	1,400
C6073 Hydromatic 10 Skid Loader	7,500	5,840
1977 Chevy C30 Truck w/11' Reading Body, Like New		Call

WENGERS INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

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 NIGHTS,
 PHONE:
 717-866-7147
 or
 717-273-9089

ONE STOP SHOPPING - FINANCING AVAILABLE - TRADES WELCOME - REASONABLE PRICES

FARMALL TRACTORS

1066-No Cab	Coming in
Cub-Late Model w/Rotary	\$3850
200 w/FH	\$2000
806D-TRY-FH	\$4950
756D-WF-FH	\$6500
856D-WF-3 pt.	\$7500
856 w/Cab-WF-FH	\$8500
C - Good Rubber	\$1500
384 - 600 Hours - Nice	\$7850
756 Diesel-WF-3 pt	\$6850
1256 w/Cab - Air - Nice	\$10,450
656D Hydro	\$6350
1066 Red Cab - Nice	\$13,950
154 w/Rotary Mower - Nice	\$3850
1256 w/Cab - Clean	\$10,950
Cub w/Fast Hitch	\$2450
674D - 1974	\$5950
Cub w/Cult.	\$1850
15-30 - Antique	\$1750
1066 w/Cab - 1973	\$11,300
560D-WF-FH-Nice	\$3950
706D	Coming in
1466 w/Cab - Bad TA	\$7750
Cub - Mower - F.H.	
Snow Plow - Chains	\$2500
(2) 140 w/Rotary Mower	\$4500 & up
544 Hydro w/Forklift	\$5750
706D WF 3 pt. - Nice	\$6450

FORD

8700 Cab - Air - 1977	\$13,950
2000 w/Mower - Nice	\$4450
600 w/Loader	\$3250
9000	\$6000
5000D	\$5450
(4) Antique Fordsons	\$800 & up
8N w/Loader	\$2450
8600 - 1974	\$8950
9000 w/Cab	Coming in

CASE

VAC - Nice	\$1250
(3) 930 Standard	From \$2500
1270 w/Cab - P. Shift - Nice	\$9850
930 CK w/Duals-Turbo	\$5500
830 CK-Nice	\$5500

LONG

360 - New	\$8975
460 4WD - New	\$11,675
310C - New	\$6750
310, 4WD w/Loader - New	\$11,950
360 - 4WD - New	\$11,150

OLIVER - DEUTZ - LEYLAND -

KUBOTA

1950T - Over/Under	\$8300
880 Gas - 3 pt. - P.S.	\$2950
1855 - Nice	\$8750
Leyland 384	\$4650
Oliver 1355 w/cab-As is	\$5500
2-105 Clean	Coming in
1855 w/Cab - Nice	\$9850
1755 - Nice	\$8850
Deutz 10006 - 4WD - Nice	
	\$14,500
Kubota L245-Demo	Coming in

JOHN DEERE

4020 D	Coming in
4020 D w/Cab-Diff Lock	\$8500
330-Nice	Call
730 Diesel - Clean	\$4250
JD 420	Coming in
JD 720 Gas	Coming in
4020 Gas	\$5950
4020 Console - Cab - Gas - Clean	\$7950
4620 - P. Shift - Nice	\$12,450
4320 ROPS - WTS	\$11,300
4320	\$10,950
5010	\$6850
(4) A	\$595 & up
50	\$1450
4230 - ROPS - 1976	\$11,300
4030 - Syncro - 1974 - Nice	\$10,500
2840 - Clean - 1978	\$11,950
4520 - Nice	\$8300
720 LP w/3 Point	\$2000
"G"	\$1450
60 w/NI 2x Picker	\$3000
"D" - Antique	\$2000
"B" - Unstyled - Nice	\$1950
"A" - Unstyled - Rough	\$795
4430 w/SG - Air - Quad - 4WD - 1975 - Clean	\$19,500
4430-No Cab	Coming in

"10" 4 WHEEL DRIVE TRACTORS

From 30 HP to 175 HP

Ford County 6 - 3 Pt - PTO	\$5950
Case 2470 - Cab - 3 Pt - PTO - 1973	\$13,600
MM AT4-1400 - 3 Pt - PTO As Is	\$4950
White - 4-150 - Cab - 3 Pt - PTO	\$13,600
Mitsubishi Bison - New - 4WD 30 HP	\$7850
4430 w/SG - Air - Quad - 4WD 1975	\$19,500
Deutz 10006 - 4WD - Nice	\$14,500

ALLIS CHALMERS

D21 Series II w/Cab - Air	\$7850
G w/Hyd. & 4 Tools	\$2500
WD45 w/Plow	\$2000
(2) G w/Rotary Mower	\$1850
200 w/Cab - Nice	\$9850
220 w/Cab	\$9450
185D	Coming in
190XT	\$5950

MASSEY FERGUSON TRACTORS

1105 - Nice - 1973	\$8300
175D - Nice	\$6450
180 - Gas - Nice	\$5250
40 w/Sickle Mower & Cab	Call
165D - Nice	\$5450
1080 Diesel - Nice	\$6450
1150 w/Cab - Duals	Coming in
1130 w/Cab	\$7500
1130 w/Duals	Coming in

4 WHEEL DRIVE POWER



- WHITE 4-150
 - CASE 2470
- Both Have 3 Pt., PTO, Cab, Air, Etc.

Your Choice **\$13,600**

NEW EQUIPMENT SPECIALS

• 6' 3 pt. blades	\$195
• 7' 3 pt. blades	\$250
• 8' 3 pt. blades	\$350
• 6' 3 pt. Landscape boxes	\$475
• 6' 3 pt. disc's	\$495
• 7' 3 pt. disc's	\$695
• 3 pt. fert. seeders	\$275 & \$395
• 3 pt. boom poles	\$50 & \$100
• Round bale feeders	\$145
• 3 pt. P.T.O. woodsaws	\$495
• 3 pt. 12" Post Hole digger	\$450
• 165 bu. gravity bins	\$475
• 210 bu. gravity bins	\$565
• 1 x 3 pt. plow	\$295
• 2 x 3 pt. plow	\$495
• 3 pt. bale mover	\$150
• 3 pt. potato plow	\$95
• 3 pt. subsoiler	\$150
• 3 pt. spike harrow	\$500 & \$600
• 6 ton wagon	\$425
• 8 ton wagon w/goodies	\$575
• 10 ton wagon w/goodies	\$625
• 11 ton tandem w/goodies	\$950
• 12 ton wagon w/goodies	\$950
• 5' 3 pt. rotary mower	\$495
• 6' 3 pt. rotary mower	\$695
• 4' pull rotary mower	\$675
• 5' pull rotary mower	\$695
• 6' pull rotary mower	\$895
• 6' 3 pt. stone rake	\$495
• 7' 3 pt. stone rake	\$525
• 8' 3 pt. stone rake	\$545
• Speedy 1200 bushel corn cribs	\$895
• 3 pt. cement mixers	\$595

SQUARE BALERS

NH 273 - 69 - 66

Case 230

CHISEL PLOWS

10' to 19'

"V" Chisel

ROTOVATORS

Long 63" & 71" & 55"

Lely Roterra (13')

SPRAYER

150 gal. 3 pt.

TRANSPLANTERS

1x & 2x

"CLEAN" COMBINES

JD 4400

MF Super 35

IH 82 Pull Type

Case 660

(2) JD 45EB

GRAIN DRYERS

MC 600 & GT 270

COMBINE CABS

SICKLE MOWERS

JD - IH - NH - Case - NI

- AC

DISCS

IH from 6' to 24'

JD from 8' to 13'

Total of 50 to select from

FIELD CULTIVATORS

JD - IH - Glenco

GRAIN DRILLS

IH 10 - 16 Disc

JD FBB - 11 Disc

JD VB - 11 Disc

JD 1500 - No Til

JD FBB - 17 Disc

Ontario

DUALS

18.4x28

16.9x34

18.4x34

16.9x38

BLOWERS

NH - IH - AC - Gehl

ROUND BALERS

JD 410

Gehl 1500

Hesston 5600

LOADERS

Ford - JD - IH -

Freeman

Souder

POTATO DIGGERS

1x & 2x

1x plows

SNOW BLADES

4' to 7'

ROTARY HOES

2x - 3x - 4x

ROTARY MOWERS

Used 5' to 13'

New 4' to 6'

WAGONS

All Makes & Types

FEED MILLS

NH 352 - 357

OMC 424

Hammermills

FERTILIZER DRILLS & SPREADERS

JD & Case

Calhoun Tandem Axle

Spreader

CORNPICKERS

NI 319 - 305 - 325

- 323 - 7 - 324

Ford 1x 3 pt.

MANURE SPREADERS

 Badger Honey Wagon
 Clay Honey Wagon
 Hawkbit Tank
 NI 1x & 2x (Tandem)
 IH - NI - AC

STACK MOVERS

 Hesston 10W
 Hesston 30
 JD 200
 3 pt. Stabbers

STACKER

Hesston 10

WINDROWERS

Ford 536

Hesston PT7

HARVESTERS

Fox 2200 - IF

JD 35 - 25

NH 890 - Super 717

Gehl 800

AC 720

(100) Extra Heads

FLAIL MOWERS

NI 279 - 9'

Caldwell 6' 3 pt.

PLOWS

(Some Resets)

AC - 1x

Ford - 1x - 2x - 3x

MF - 3x Flip - 5x

JD 1x-2x-3x-4x-5x-6x

IH 1x-2x-3x-4x-5x-6x-7x

Case 4x

Oliver 6X Reset

CORNPLANTERS

JD 7000 (6x)

290 - 246

Ford 309

MF 2x 3 pt

IH 56 (4x) 2x FH

AC 770 (4x)

HAY RAKES

(Roto Bars)

NH 258 - 55

JD - 50

NI

4 Star Wheel Rakes

THE PEOPLE THAT DO BUSINESS

WENGERS INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

PHONE: 717-866-2135

NIGHTS,
PHONE:
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WE BUY YOUR EXCESS EQUIPMENT - FINANCING AVAILABLE WITH 20% DOWN - UP TO 7 YEARS

WENGER'S IS E-X-P-A-N-D-I-N-G TO SERVE YOU BETTER Used Parts — East Coast's Largest

(100) COMBINES - DISMANTLED

JD 7700-6600-4400-3300-55-45-40-12A
IH 815-615-315-403-303-203-205-105-101-93-91-
141-127-64-76
MF 760-510-410-300-92-82-72-35-26-Clipper
Gleaner CII-EIII-A-E-60
Uni 704-702-701-717-710-Etc.
Case 960-660-600
NH 975-985
MM 4296-Oliver 525 & 535
Over 100 Corn & Grain Heads For Salvage

(100) HARVESTERS - DISMANTLED

JD 38-35-34-12-8-6
IH 650-550-55-50-350-16-15
Fox 2200-2000-1000-546-FA
NH 880-818-800-S717-717-770-616
Gehl 600-300-188-84-83
Case 300
Ford & Papeac

PARTS CALLS TAKEN

7:30 A.M. to 5 P.M.
WEEKDAYS

7:30 A.M. to 12 NOON
SATURDAY

PLEASE
NO PARTS
CALLS
AFTER HOURS

PROMPT
SHIPMENT

CASH
SALES
ONLY

(50) BALERS - DISMANTLED

JD 214T-24T-14T MF 10
NH 269-78-569-69-68-67-66 AC 303
IH 57-47-37-27-55-45 Case
Oliver 720

HAYBINES — CORNPICKERS —
SPREADERS — CORNPLANTERS — HAY
CRUSHERS — BLOWERS — CORN SHELLERS —
CULTIVATORS — PLOWS — CULTIPACKERS —
CULTIMULCHER — DRILLS — RAKES — SICKLE
MOWERS — NI 7' & 9' CUT DITIONERS

CONSTRUCTION ITEMS - DISMANTLED

Crawlers: Cat D2-D4-977-933-951B Backhoes: Case 680-530-320-210
JD 350-440-420-40-MC IH 3444-3600-3514-350
IH 175-100-TD14-TD9- Ford 4500-4400
TD6-340-500
AC HD4 Skidders: JD 540 A & B
Oliver OC3-HG
Case 310 Skid Steers: Case 1737
Lots More Incidental Items Melroe 444

SPECIAL

Winco 55 KW P.T.O.
Generator Single
Phase-Continuous Du-
ty 1000 RPM-110V &
220V, Heavy Duty
Trailer, Welder Recep-
tacle, Used 20 Hours-
Like New - \$2950

CLEAN N.I. UNI SYSTEMS

(Mix & Match At-
tachments)

- Tractors - 706D w/Cab, 705D w/Cab 702 w/Cab
- Husking Beds - 727, 726, 721
- Harvesters - 767, 760
- Sheller - 729A
- Pickup Heads - 766, 761
- Grain Heads - 715, 713, 711
- 4 Row Cornheads - 844N, 738, 731
- 3 Row Cornheads - 743N, 735, 725, 763, 724
- 2 Row Cornheads - 723, 762
- High Moisture Throat For 760
- Combines - 710

FARM TRACTORS FOR SALVAGE (OVER 2000) Most Makes And Models

CONSTRUCTION EQUIPMENT



NEW 1984 TRAILERS ON SPECIAL
• 2 Axle, 4 Ton..... \$1450

BACKHOES

Ford 4500 .. \$10,500	C12 .. \$8500
Long 5 in 1 .. \$16,500	IH 3444 .. \$7500
IH 3820 .. \$16,500	Ford 5500 .. \$12,500
Ford 4500 .. \$7500	IH 260A .. \$14,500
Ford 4500 .. \$9500	IH 3414 .. \$5900
Case 580B - Cab .. \$13,500	IH 3500 .. \$6500
Extendahoe .. \$13,500	White .. \$6500
Case 580B .. \$8000	
Ford 8N .. \$3500	
Hein Werner	

BACKHOE ATTACHMENTS

(6) Ford Hoe Attach \$1750 & up
(2) JD .. \$3500 & up
(6) Case .. \$2000 & up
AC .. \$2500
(3) 3 pt. Hoe Attach \$2250 & up
(5) IH Hoe Attach \$2500 & up

CRAWLER LOADERS

JD 450 - As Is .. \$6500
Cat 955H .. \$16,500
Cat 951B .. \$21,500
JD 350B w/Backhoe .. \$18,500
Cat 977L .. \$68,500
JD 350 w/4 in 1 .. \$8950
Case 350 .. \$8950
Cat 941B .. \$26,500
Case 450 w/Hoe .. \$12,500

DOZERS

Cat D8H .. \$19,500
JD 450 - 6 Way .. \$12,500
Cat D4C .. \$12,500
IH TD14 .. \$3000
AC HD4 .. \$7500
JD 2010 .. \$6850

CONSTRUCTION DUMPS

1974 IH Diesel w/9' Body - Air Brakes .. \$10,900
(2) Mack 25 Ton Rock Trucks .. Call
(3) Mack 20 Ton Rock Trucks .. Call

TRACTORS WITH LOADERS

Ford 600 .. \$3250
Ford 8N .. \$2450
JD 400 .. \$7500
IH 2400 .. \$7500
IH 2400 .. Coming in
AC I600-As Is .. \$3500
AC D15 .. Coming in

MISC. CONSTRUCTION

(40) Used hoe buckets .. From \$100
(25) Loader buckets .. From \$100
(30) Set forklift forks .. From \$300
(6) Winches .. Call
Wayne 984 Diesel Street Sweeper \$8950

FORKLIFTS

Int. 7000 - 21' .. \$10,500
Int. 4500B - 21' .. \$12,500
IH 544 .. \$5750

RUBBER TIRED LOADERS

OMC 770 .. \$17,500
Trojan 154 .. \$3000
Ford A62 1978 Nice Cab .. \$27,500
Michigan 125 .. \$7000
Hough 50 .. \$8500

TRAILERS

1984 2X 4 Ton .. \$1450 & \$1600
1978 2X 6 Ton .. \$2650
1983 3X 9 Ton .. \$4400
1983 1X 2 Ton .. \$1150
1984 2X 12 Ton .. \$5800
1983 2x6 Ton .. \$3600
1977 10 Ton 5th Wheel .. \$3950
Used 6 Ton .. \$2250
Used 9 Ton .. \$2750
Used 25 Ton .. \$3500
Freuhauf 40' Flat .. \$2500
(2) 1979 Strick 40' Flats .. \$7000

LOG SKIDDERS

JD 440B .. \$13,500
(2) JD 540A .. \$13,500
JD 540B - BURNED .. \$8500
Tree Farmer-As Is .. \$3850

CULTIVATORS

Ford 2x - 4x
JD 2x - 4x - 1x
IH 2x - 4x - 1x

TRACTOR CABS

IH 06 Cab .. \$775
JD 4620 Cab .. \$1250
(4) Used for JD 4020 .. \$350 to \$1500
Used for Ford 6000 .. \$775
New for Ford 5000-7000 .. \$1800
(5) New for MF- 275 to 1155 .. \$2000
(10) Used Rollbars .. Call
New Cooler for Cab .. \$500
(2) Used for IH 66 - Nice .. \$1500
Used For JD 4230 .. \$1250
Oliver 1355 Cab .. \$2000

CULTIMULCHERS

11' to 15' Cultipackers - 9' to 14'

FLAIL CHOPPERS

JD 16A - 15A
Gehl 72
NH 36
MC

ELEVATORS & AUGERS

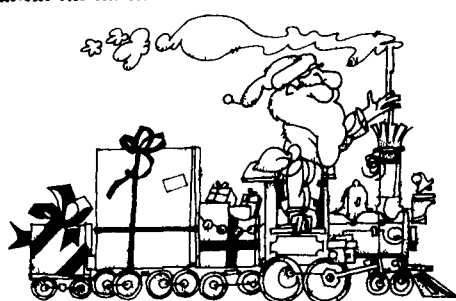
LG Corn Drags
Cardinal 56' 8" Auger
NH 36' Case

CORNSHELLERS

JD 43 3 pt. & pull type
MM 1200
JD 6
NI For pull & mtd.

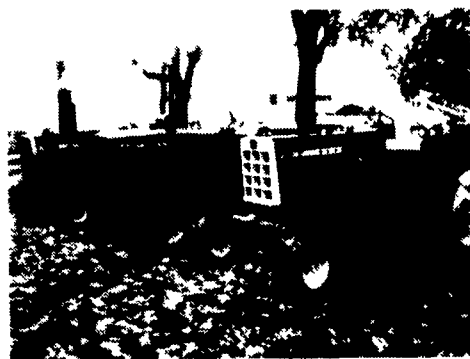
SKID STEER LOADERS

OMC 1700 Diesel .. \$6500
IH 4150 Diesel .. \$9500
Melroe 720 .. \$8500
Melroe 611 .. \$6500



Holiday Greetings

We know we're on the right track when we say, "Have a wonderful Christmas in every way...and thank you dear friends!"

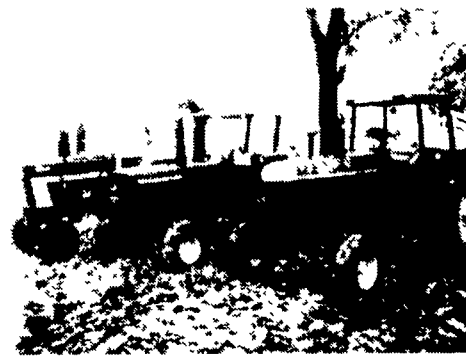


100 PLUS HORSEPOWER

• MF 1105-1973 • JD 4520-1969
• Oliver 1950T - 1968

All Decent Tractors, Properly Equipped

YOUR CHOICE **\$8300⁰⁰**



100 PLUS HORSEPOWER

• IH 1066 w/Cab - 1973
• JD 4320 w/ROPS - 1972
• JD 4230 w/ROPS - 1976

All Decent Tractors, Properly Equipped

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FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

Complete
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reduction

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Joe S Stoltzfus

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"Triple H Equipment"

for the



Series Mower
Conditioner

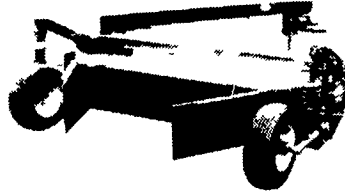
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Now in 3 sizes ideal for use
on your size farm:

- KM 321 working width 10'7"
- KM 281 working width 9'5"
- KM 241 working width 8'

1 - All Mower-Conditioners utilize the patented
drawbar and drive line to enable 90 degree and
sharper turns under full power



1 - Larger
triangular
discs for
more knife
overlap
1 - Full length
nylon con-
ditioning
rolls tougher
than rubber -
for thorough,
even
conditioning.

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in peace, love and joy

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Ford 8N 1952	Ford 8600 1972
Ford 8N 1949	w/dual power
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Ford 860, 1955	JD 2030 1973
Ford 1600 w/mower	JD 2130 1975
Ford 4000 1974 w/cab	(3) JD 2130 1975 2
Ford 4000, 1972	w/cab
Ford 4000, 1968	JD 3120 1972
w/new tires	JD 3120 1969
Ford 4000 1966, SOS	(2) JD 3130 1 w/cab
Ford 5000 1975, cab &	JD 4230 1974 w/cab &
dual power	air
Ford 5000 1974, cab,	JD 4C ~~SOLD~~ 67
dual power	JD 4040 4 wheel
Ford 5000 1969, SOS	drive 1980
Ford 5000 cab & SOS	IH 966 1974 w/cab
Ford 6600 1978,	IH 1086 w/cab
w/cab & air	MF 1150 w/cab
Ford 6600 1976, w/Q-	Long 560 FWD
cab	Universal (Long 445) 4
Ford 6610, 10 hours	wheel drive
Ford 7000 1973	Cab IH 656 & up, year
Ford 7600, 1976	round w/air
w/cab	JD Cab for 2840

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James E. Horst

INDUSTRIAL ENGINE SALES AND SERVICE

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Buy at Dealer Invoice

Model	Invoice Price
323 1 Row Picker.....	'6,370
325 & 327 Picker.....	'11,728
324 & 327 Picker.....	11,931
802 Power Unit.....	43,756
(plus rear weights)	
768 Harvester Head.....	4,924
767 Harvester.....	9,553
868 Harvester.....	11,752
818 Combine.....	12,655
840 Feeder Housing.....	1,812
406 Rake.....	2,305
272 Cutditioner.....	3,817
279 Cutditioner.....	4,229
621 Blower.....	1,722

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Now, for a limited time, we'll sell selected New Idea
equipment on our lot at the factory invoice price.

We are sacrificing profits now to lower our inventory
investment cost during the winter months.

THINK ABOUT

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- Investment tax credit
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See us now. Check the invoice and save
on top quality New Idea equipment at
our lowest possible price.



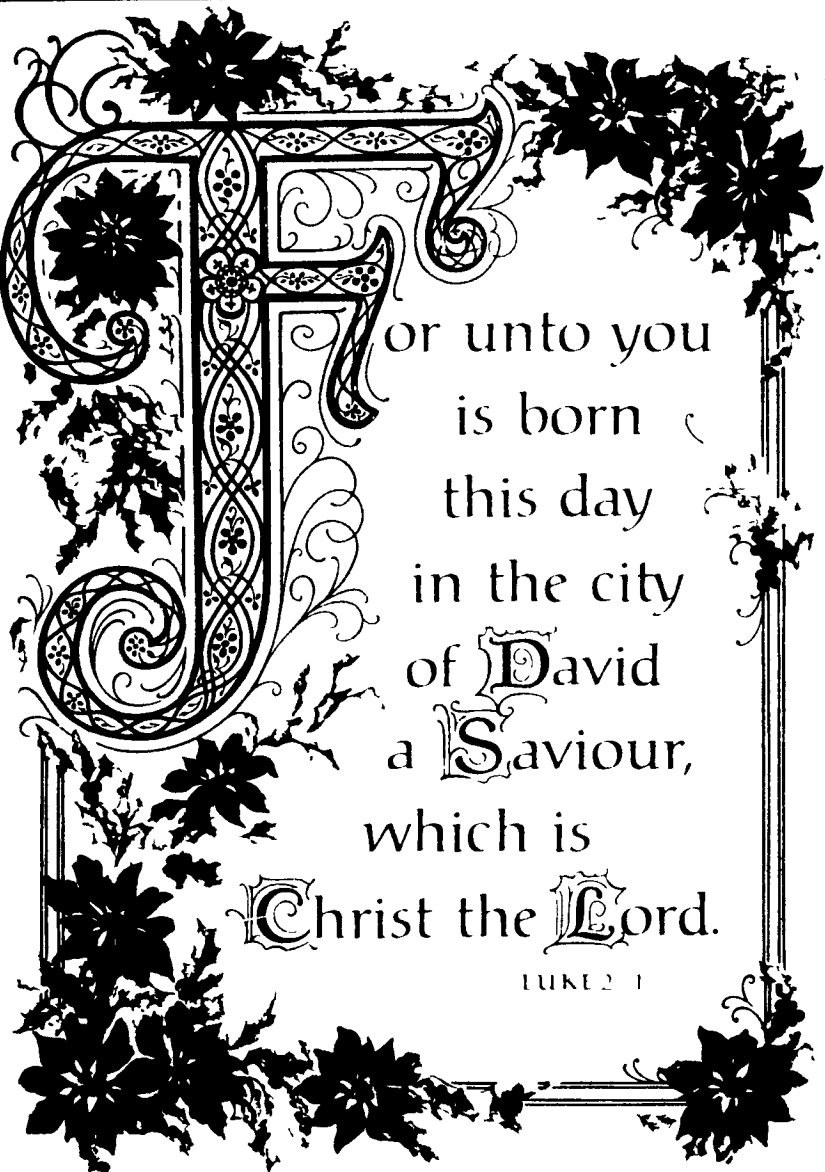
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INVOICE
PRICING**

**AVCO
NEW IDEA**

**ZIMMERMAN'S FARM
SERVICE**

Bethel, Pa.

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For unto you
is born
this day
in the city
of David
a Saviour,
which is
Christ the Lord.

LUKE 2:1

*May the Peace and Joy
of Christmas
be with you today and all through the year*

R.S. HOLLINGER & SON, INC.

Mountville, PA

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

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EQUIPMENT WITH EXTRA 4% DISCOUNT

Now Thru January 31st

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Come in now and get our best price on selected new International tractors and equipment!

Prices on new International tractors, combines, planters, tillage hay and forage equipment never have been lower. We're tagging our outstanding values with special White Tags to call attention to our best buys.

Come see how you can save more on new equipment and improve your bottom line. Offer expires Jan. 31, 1984.

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MORE!

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ASK ABOUT IH RED EDGE "PERFORMANCE SAVINGS" NEW 30 and 50 SERIES TRACTORS

Best Cash Prices Ever

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All Equipment Now

- ★ IH 3288
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Extra Special Price — Buy A Real 4WD
At The Same Price As An Add-On 4WD!
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(Model 484 To 6788)
Eligible For All Expense Paid

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(5 days, 4 nights)
OR CASH REBATE

Offer Good Nov. 1, 1983 to Jan. 31, 1984

★ WAIVER
TO
3/1/84!



USED EQUIPMENT

TRACTORS: (Waiver to 3/1/84 or Cash Rebate)

IH 806, 3 pt. Hitch, Wide Front, TA, \$5950 (No Trade)
(2) IH Farmall "C"
Int. F12 w/cult.
JD 2010 D, Tri.
Int. 400 Farmall, Real Nice!
IH 1066 D w/Cab & Air - Real Nice!
IH 966D w/Cab
IH 766 D, Black Stripe
IH 806 Diesel, Wide Front, TA, Fast Hitch
IH 560 Gas, 400 Gas
MF TO-20 w/Turf Tires
MF 33 w/3 pt. Hitch
MF 65 Diesel w/MF Loader
IH 340, Tri

HAY & FORAGE EQUIPMENT:

(3) IH No. 51 Forage Wagon
IH #5 Flail Chopper, Direct Throw
33 NH Flail Chopper
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper
IH 990 9' Mower Cond.
1014 Hesston Mower Cond.
IH 27 Baler w/Thrower
IH 47 Baler w/Thrower
IH 440 Wire Baler w/Thrower
Kuhn GF 452 4-Star tedder, Nice Shape
5026 Elec. Wheel, 8 ton Gears

MISCELLANEOUS:

Used CP Model 250 Rotary Vane Air Compressor w/IH 282 Disc Engine Mounted on CO 1600 Int. Truck - \$3800 — \$3,650 Now \$3000

TILLAGE: (Waiver to 3/1/84)

Cub Single Gang Disk
Cub 2-Way Plow
Pittsburg 11' 6" Disk
JD 110, 12' Disk, Good Shape
IH 370, 350, 37, 35 In Various Sizes
Oliver 4-Bot. Semi-Mtd. Plow
IH 440 4-Bot. Plow
IH 700, 5 Bot., 18" Plow
IH 700 6 Bot. 16" Plow
IH 550 ~~SOLD~~ 16" Semi-Mtd. Plow
IH 540 4-Bot. 14" Semi-Mtd. Plow
IH 531 3 pt. 3 Bot. Plow
IH 311 Fast Hitch Plow, 3 Bot.
AC 1-Bot. Trailing Plow
MF 880 5-Bot. Auto. Reset
Glencoe 18' Field Cultivator
Vicon 10' Power Harrow — \$2,500 — \$2,300 — \$2,000

MATERIALS HANDLING: (Waiver to 3/1/84)

IH 2250 Loader for Farmall Tractors
Farmhand Loader for IH 74 Series Tractor
157 Hawk Bilt Spreader - was \$995-Now \$695
NH 512 Spreader w/End Gate
NI 212 Spreader, PTO, flail type
200 Gal. Century Sprayer, Piston Pump
250 Gal. Tecoma Air Blast Trailing Sprayer — \$1,500!

LAWN & GARDEN:

IH 127 w/Mower, Recond.
IH 1650 w/Mower, Like New
IH 682 w/Mower, Like New
IH 100 w/38" Mower

COMBINES:

IH 863 6-Row Narrow Cornhead, Low Acres
715 Diesel Hydro w/13' Floating Cutter Bar and 744 Cornhead
AC Model C2, 12' Hd, 4-Row Wide - Rough Cond. - \$2,000
MF Model 300 Gas, 2-Row Hd., & Platform - Rough Cond. — \$1,200
810 13' Cutter Bar
IH 1460 (1980 Model) w/963 Cornhead — Coming In!
FKS Gleaner Diesel 4 Row Wide, 12' Platform
MH 35 SP 8' Platform, Fair Shape
715 D Hydro, 1976 Model, 820 15' Cutting Bar — Real Nice

IH 315 Hydro w/12' Platform, Field Ready, w/PU Wheel & Hyd. Lift
IH 315 Hydro (For Parts)
IH 403 w. 4-Row Wide Head & 12 ft. Grain Platform
IH 315, 2-Row Wide Head
IH 227 Cornhead, fits 315, 205 or 203
IH 234 Picker w/Husking Bed, Mount for 656 Farmall
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

PLANTERS: (Waiver to 5/1/84)

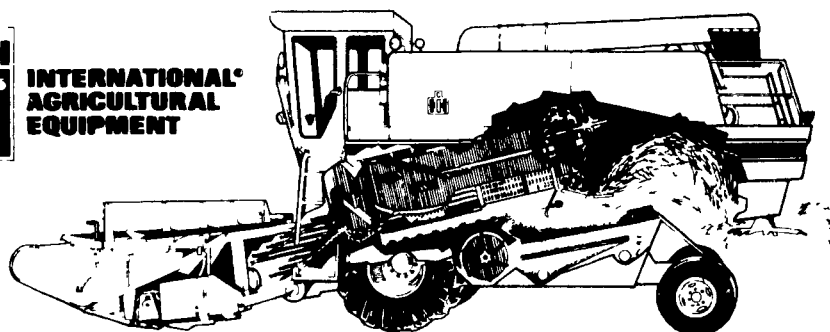
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert. 4 & 6 Row Cyclos, Field Ready!
JD FBB 17x7 DD
IH No. 13x7 Plain Drill
IH NO. 10 16x7 SD, Comb. Drill
Oliver 24x6 Combination Drill
MF 13x7 Comb. Drill

COMBINE HEADQUARTERS

★ Check With Us Before You Buy! ★



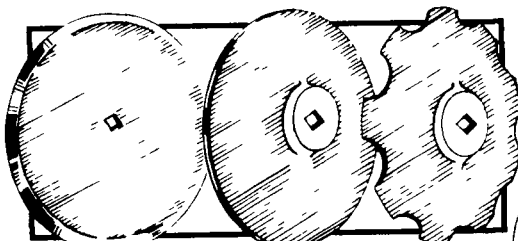
INTERNATIONAL
AGRICULTURAL
EQUIPMENT



- ★ IH 1420 Combine
- ★ IH 1 ~~SOLD~~ Combine In Stock!
- ★ 963, 944, 943 Heads In Stock! - Old Price Plus White Tag Special
- ★ 810 13' Cutter Bar
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OR CASH REBATE!

We Specialize In
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EARTH
METAL DISKS:
60% Stronger!
20% Longer Life!

C-shape bearing standards
Allow gangs flex to ride
over obstructions.

IH 496 FLEX WING DISK HARROWS WITH EARTH METAL DISKS!

Model	Cutting Width	Disk Blade Spacing	Blade Sizes Available	Transport Width	Operating weight With Blade Sizes
496 Folding Wing- Type	18 ft 7 in	7 1/2 in	20 or 22 in	12 ft 5 in	6598 lb
	22 ft 2 in			12 ft 5 in	7326 lb
	24 ft 7 in			14 ft 8 in	7807 lb
	28 ft 1 in			14 ft 8 in	8513 lb
	31 ft 8 in			14 ft 8 in	9137 lb
496 Cushion Gang	19 ft 1 in	9 in	22 in	12 ft 5 in	6750 lb
	22 ft			12 ft 5 in	7370 lb
	24 ft 10 in			14 ft 8 in	7847 lb
	27 ft 8 in			14 ft 8 in	8482 lb
	32 ft			14 ft 8 in	9224 lb
496 Cushion Gang	19 ft 1 in	9 in	22 in	12 ft 5 in	7125 lb
	22 ft			12 ft 5 in	7667 lb
	24 ft 10 in			14 ft 8 in	8105 lb
	27 ft 8 in			14 ft 8 in	8911 lb
	32 ft			14 ft 8 in	9700 lb

New For 1983...
22'2" - 7 1/2" Spacing, Cushion
Gang - Model 496

Others In Stock...
19'1" - 9" Spacing, Regular Gang
19'1" - 9" Spacing, Cushion Gang
22'9" Spacing, Cushion Gang

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IH GRAIN DRILLS

- In Stock - Ready For Delivery •
- 18x7 Plain 16x7 Comb.
- 21x7 Plain, old Price!

★ WAIVER TILL 5/1/84!

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- No. 14, Auto Reset, 5 Shanks
- No. 10, 1 ~~SOLD~~ Shanks
- No. 10, 8'3, 3 Shanks

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- ★ Jamesway
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★ Northwestern Skid Loader - Model S71 Gas - Demo, In Stock At Special Price!
Special Price On Diesel Unit Available
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(1) CORRUGATED "BINS"

Long incorporates the strength of corrugated steel with a protective coating of glass fused to steel to produce the lowest cost glass-lined oxygen limiting storage system for high moisture grain. Breather bags and choice of bottom unloader with tapered power driven sweep auger or standard 6' auger unloader with clean out sweep arm complete this system.

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These smooth wall silos with glass fused to steel protective coating are designed for high moisture grain and medium moisture forages. Breather bags and bottom unloader with power driven sweep auger for grain or chain unloader for forage and grain complete this system.

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Stor-Lix lined tanks help preserve the nutrient value of manure help protect the environment and afford better management of time labor and equipment.



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2 or 4 row no-till
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UNI-LOADER**
NH #676 MANURE
SPREADER
TOP BEATER W/
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NEW
NH #358
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\$7,800



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Wishes**

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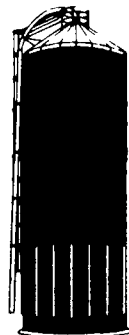
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Earl B. Zimmerman

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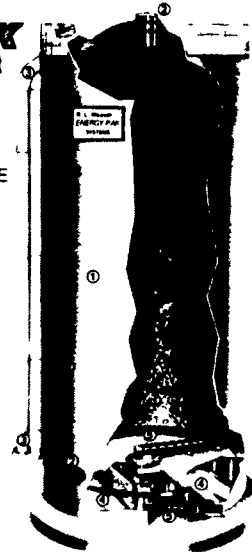
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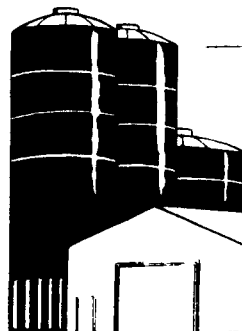
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All Silo Work Done From The End Of
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 - 1500 Gal. to 4500 Gal.
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- Uebler Electric Forage & Grain Carts
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- Uebler U-Blend™ TMR Forage Carts



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- Hedlund Vaughn Chopper Pumps
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WILL TRADE OR BUY STARLINE #70
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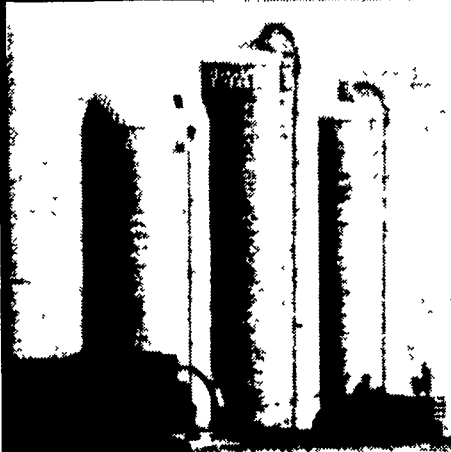
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To Fit I.H. 544 Tractor

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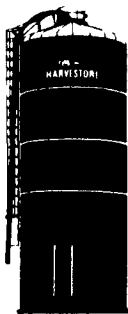
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SILOS & UNLOADERS

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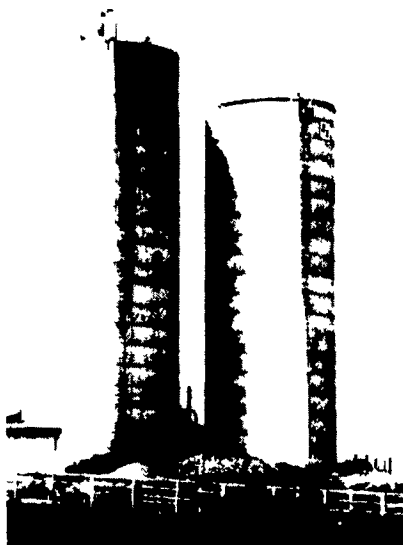
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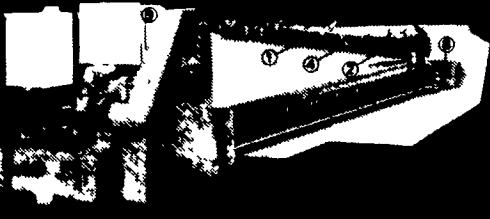
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Used 8"x16' Auger w/ Motor Mount & Hopper . . . ***395.00**
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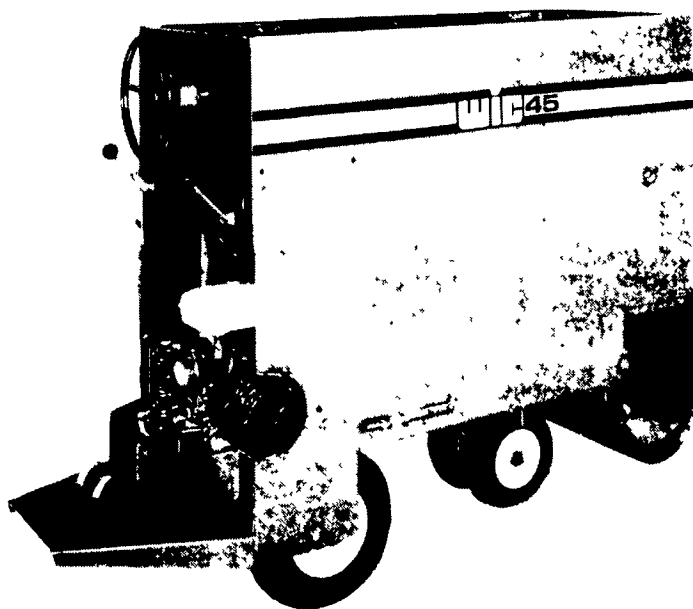
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New, improved, rugged triple wall construction with high density foam and fiberglass insulation.

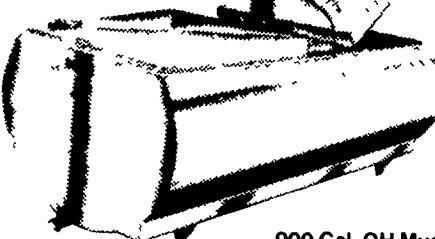
Sunset's completely automatic 6-cycle tank washer/sanitizer

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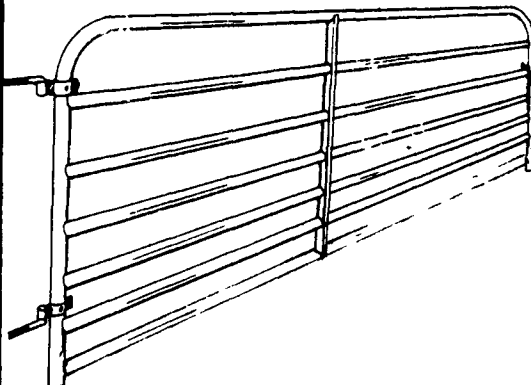
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Wanted - Livestock scale, that will weigh 1500 lbs. and up. 717-567-6782.

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LEASE OR RENT!! Would you like to lease or rent some additional cows to increase your production? You'll like our quality cattle and profit by our renting and leasing plans. Call D.H. Rumsey, Bath, NY 607-776-3478 (Associated with Genesis Leasing, Lansdale, PA)

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Wanted - Holstein heifers, breeding age. Call 717-768-3197 between 8 & 9 am.

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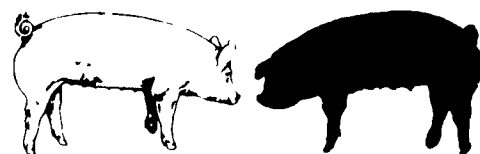
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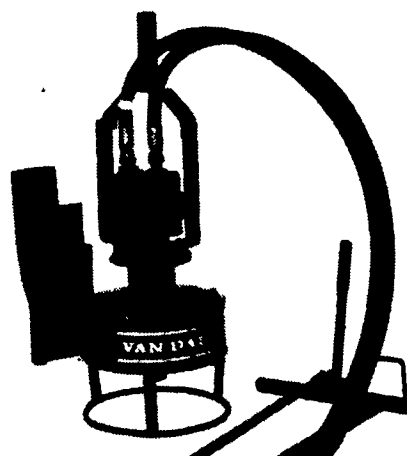
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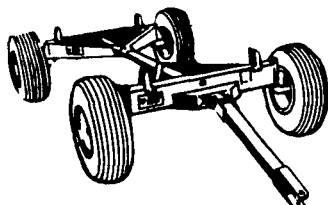
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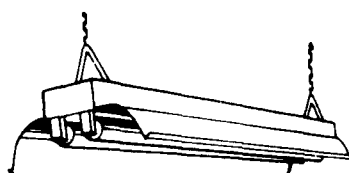
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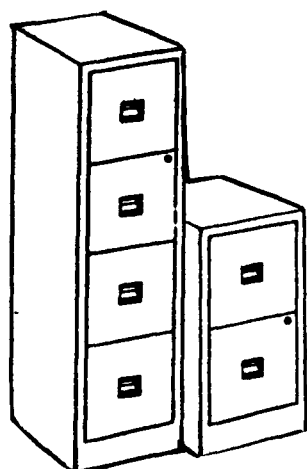


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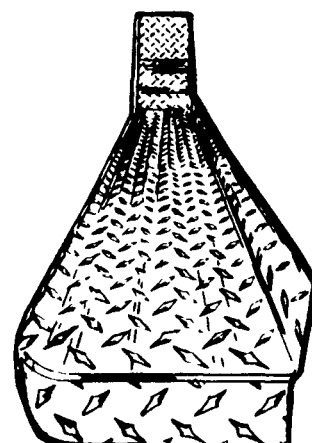
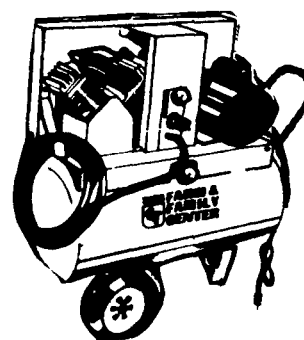
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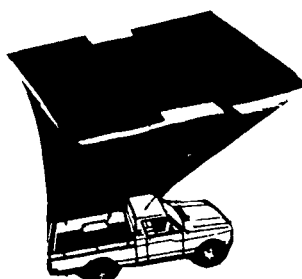
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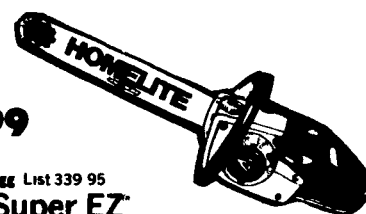
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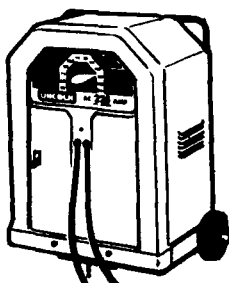
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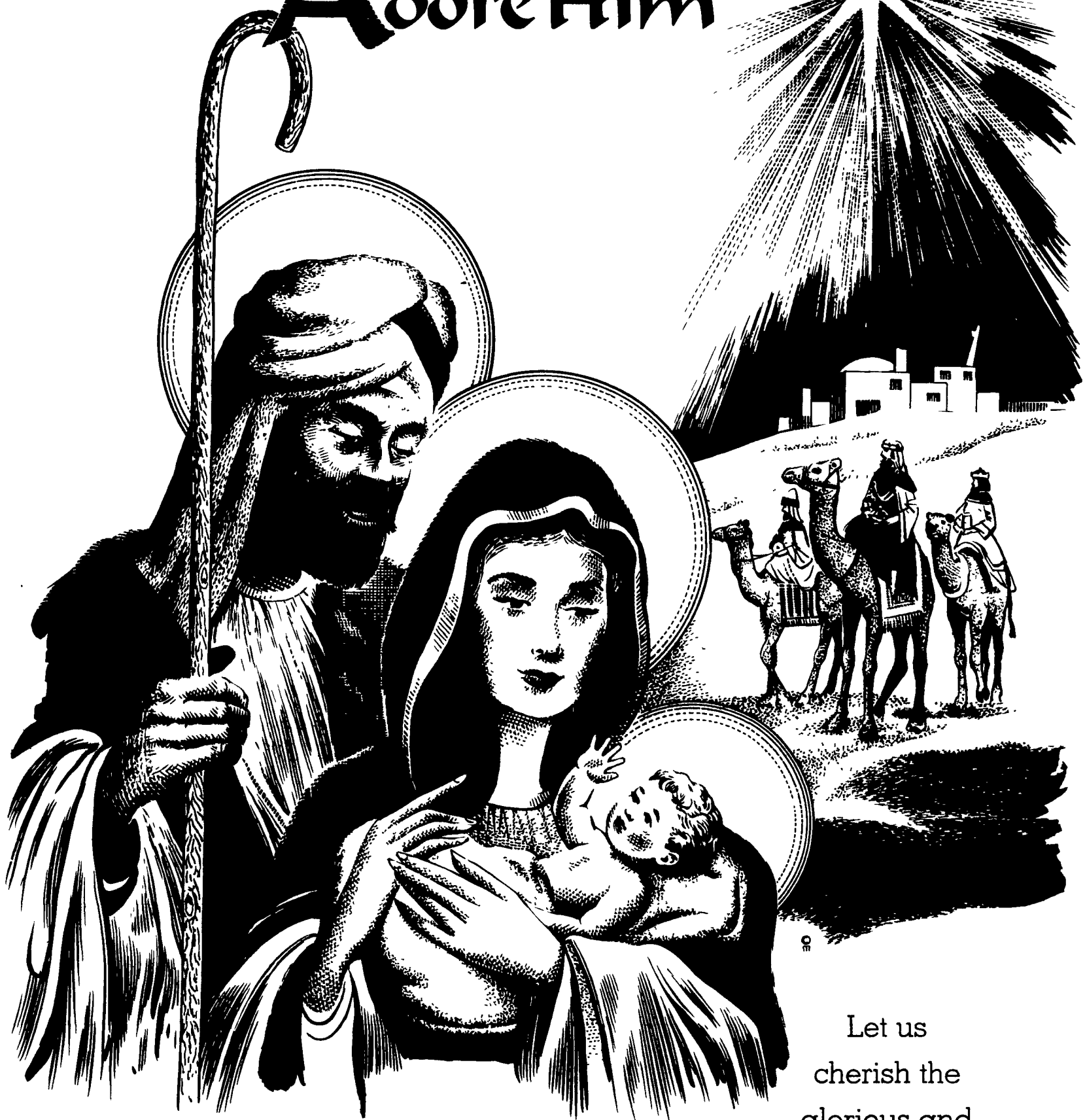
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Feedlot profit potential outlined at seminar

KALAMAZOO, Mi. — Feedlot owners and managers from Texas and Colorado were informed of the benefits of feeding MGA in feedlot heifer rations at a recent seminar sponsored by TUCO, Division of The Upjohn Company.

Speakers on the agricultural economy, managing pregnant heifers and TUCO products enlightened the audience on ways that can help them maintain a profit in today's economy.

According to Dennis Steadman, agricultural economist for Chase Econometrics, cattle prices and numbers tend to follow an approximate 10-year cycle.

"When cattle are relatively high compared to corn, producers start

to expand their herds. Over-expansion eventually results, reducing profits," Steadman explained. "Subsequently, cattlemen decrease herd sizes until, once again, consumers demand more beef. This strengthens prices and the cycle starts again."

The cyclic nature of the cattle market means cattlemen and feedlot operators are especially profit conscious. According to Dr. Billy Clay, technical services veterinarian for The Upjohn Company, one way to boost profitability is to feed MGA, a compound which suppresses heat in heifers. This eliminates the problems associated with standing heat, such as riding in the pens and

potential injuries. MGA also improves performance through improved feed utilization, resulting in increased daily gains.

"The MGA heifer is a more profitable animal," Dr. Clay told the seminar audience. "Results of studies conducted by TUCO indicated that heifers fed MGA at the prescribed rate (0.25-0.5 mg per day per heifer in the feed), exhibited a 10 percent improvement in rate of gain, and an improved feed conversion figure of 6.5 percent over heifers not fed MGA."

Dr. Clay also discussed some potential problems of feeding pregnant heifers. Decreased feed efficiency, potential calving dif-

ficulties and lower market value are among the problems associated with pregnant heifers, he maintained. Tests conducted at a Colorado feedlot operation have shown that it costs as much as \$35 more to feed a pregnant heifer for 100 days than it does to feed an open heifer for the same period. In addition, veterinary charges, labor costs and discounts at slaughter are often involved.

Feedlots can avoid these problems by using Lutalyse, a product containing a natural prostaglandin, to abort pregnant heifers, explained Dr. Clay. Given as a 5 cc injection in the muscle, Lutalyse will cause most heifers less than 100 days pregnant to abort within 35 days, with the majority aborting in the first 14

days.

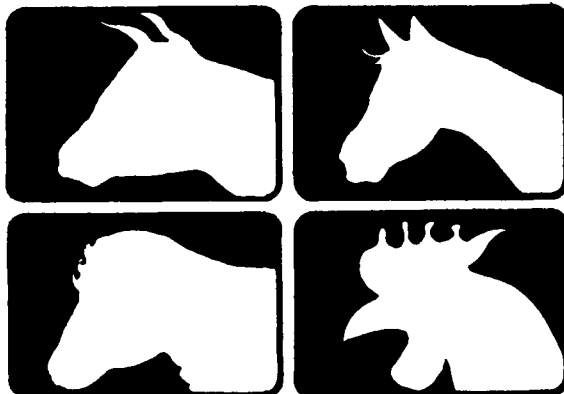
"If the heifers are injected with Lutalyse on arrival at the feedlot, they can be started on MGA seven days later," Clay said. "By this time the abortion process will already be started and MGA will not interfere with the Lutalyse activity."

In conclusion, the speakers emphasized the economic significance feeding can make to the cattlemen's profits.

"As long as the cattle market is controlled by a large number of people in a free society, price fluctuations will be a fact of life," Steadman said. "Finding a way to remain profitable when the low end of the cycle hits can determine your survival in the cattle business."

LIVESTOCK LATEST

ENTER DATA



Bacterial inoculant reduces piglet losses 53 percent

LINCOLN, NB — The addition of a bacterial inoculant to baby pig diets reduced death loss 53 percent, according to a University of Nebraska researcher.

Professor of Veterinary Science Norman Underdahl reported his tests of a live bacterial feed supplement for the control of baby pig diarrhea at the recent 1983 24th Annual George A. Young Conference and the 23rd Annual Nebraska SPF Conference. The joint meetings were in Lincoln.

To populate specific-pathogen-free (SPF) hog farms, the Nebraska researchers took pigs by Caesarean section and raised the pigs in isolation units. Death losses among 412 pigs in 48 litters fed Cernelle 68 strain of *Streptococcus faecium* were compared with losses in 361 pigs in the previous 48 litters not fed the live bacterial culture. Cernelle 68 is available as Feed-Mate 68 from Anchor Laboratories.

"The 48 litters fed Cernelle 68 had a total mortality of 8.5 percent compared to 18 percent for the other 48 litters," Underdahl says. "This is a 53-percent reduction in mortality."

Underdahl added the bacterial inoculant to the diet of the SPF pigs after two years of study of the bacteria in gnotobiotic (bacteria-free) pigs. Use of gnotobiotic pigs removed the influence of other microorganisms and provided the researchers more control.

In these trials, Underdahl and his co-workers orally challenged groups of pigs with three strains of pathogenic *E. coli*. One group was inoculated with Cernelle 68; littermates were not.

"The results of these experiments clearly indicate that colonization of the Cernelle 68 strain of *S. faecium* in the intestinal tract could prevent the severe diarrhea or death experienced in those pigs fed *E. coli* only."

The researchers concluded that Cernelle 68 colonization of the intestines immediately after birth could be beneficial in controlling *E. coli* scours. Pigs should be orally dosed once daily for a week after birth. To control *E. coli* scours on weaning, the research-

ers recommended adding the bacteria to creep feed and con-

tinued in the diet until pigs are adjusted to the nursery.



Sheep producers outline 1984 national activities

DENVER, Co. — A little over a year ago, sheep industry leaders met to organize a plan — a strategic plan — for the American Sheep Producers Council. At the ASPC Annual Meeting in October, directors and delegates from across the country provided input in lamb and wool workshops organized by region.

The Wool Advisory Committee then met Nov. 28 and 29, and the Lamb Advisory Committee met Dec. 1 and 2. These committees identified specific projects for 1984 based on the strategic plan and the input received at the workshops. Following is a summary of the decisions the committees made:

Developing new markets for American wool is the ASPC Wool Advisory Committee's top priority this year.

After reviewing the Council's campaign to promote American wool, the group revised the program to allow more involvement by blended product manufacturers. And they stressed new product development, particularly of a wool/cotton blend fabric.

Since many wool buyers have asked when and where wool is available, the committee is planning a directory of regional wool supplies. This directory will include a description of each

region, its shearing season, sheep breeds, wool grades and quantities, and marketing agencies (those companies that act as handling agents for producers). The directory will be distributed to all potential American wool buyers.

The Committee reviewed progress on the Yocum-McColl branding paint tests and decided to publish a sheep identification pamphlet describing alternative identification methods. The publication will explain the advantages and disadvantages of each method and restrictions on their use. Among other, the pamphlet will be distributed to state and area sheep council executive secretaries, the Farm Bureau, state extension departments, producer pools and co-ops. And it will be an insert in the February issue of the National Wool Grower magazine.

The Wool Advisory Committee also called for more coordination between various wool projects being conducted by USDA, Texas A&M University, Texas Tech University and others. To get this coordination, the Committee is planning a future meeting and inviting representatives from the involved organizations to discuss the projects.

The 1984 goals set by the Lamb

CHICAGO, Ill. — Changes in lean/fat ratios which American livestock producers have accomplished in red meat animals over the past few decades are reported in an article in a recent issue of Food and Nutrition News, published by the National Live Stock and Meat Board.

Written by Robert G. Kauffman, Ph.D., professor at the University of Wisconsin, and Burdette C. Breidenstein, Ph.D., director of research and nutrition information with the National Live Stock and Meat Board, Chicago, the article shows how rapidly the red meat industry has responded to consumer demands for leaner products. It recapitulates the history of cattle and hog production and management in this country as far back as the 1800s.

The article explains the emphasis on leaner pork and beef that began in the 1950s, when it became evident to pork producers "that plant-source oils could be produced, extracted, and made acceptable for human consumption more economically than through use of the animal as a

manufacturing vehicle" for oils.

The problems encountered in reducing the fat content of red meat in cattle, hog and sheep production are examined in the article. Although the difficulties have been enormous, the authors state, the accomplishments of the industry speak for themselves.

Using edible lean weight per carcass as a criterion, fed cattle produced about 75 pounds more meat per animal in 1980 than in 1950. Improved muscling and reduced fat of hogs increased lean meat production per animal about 16.5 pounds in the same period.

This is an increase in edible weight of 27 percent in beef and nearly 23 percent in pork. At the same time, lamb and mutton carcasses produced in the U.S. have shown an increase in edible portion of 33 percent per head.

Single copies of the issue of Food and Nutrition News containing the article are available to persons sending a self-addressed stamped envelope to: Red Meat Revolution, c/o National Live Stock and Meat Board, 444 N. Michigan, Chicago, IL 60611.

Advisory Committee are "moderating erratic price swings and adding stability to the lamb market." To achieve these, the Committee will focus on several levels of the lamb marketing chain.

At the producer and feeder level, the Committee wants to identify marketing alternatives and inform producers of the pros and cons of each. These include early and delayed marketing schedules, direct marketing, retained ownership through the wholesale level and packing plant ownership

by producers.

At the processing level, the group emphasized the need for continuing programs that (a) spread out lamb features and (b) encourage year-round promotion activity. They also stressed the need for development of new products and markets that spread out distribution.

Both the Wool and Lamb Advisory Committees will meet again during the National Wool Growers Association Annual Meeting in January.

Wins J. R. Prentice

Memorial Award

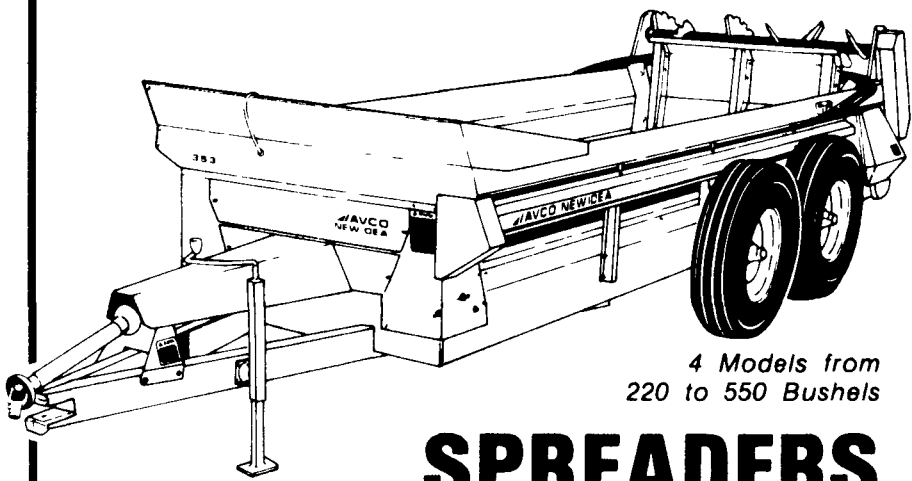
DE FOREST, Wi. — Dr. Larry V. Cundiff, research leader at the USDA Meat Animal Research Center, Clay Center, Neb., is winner of the J.R. Prentice Memorial Award in Animal Breeding and Genetics.

The award, donated annually by American Breeders Service, was presented by Dr. Robert E.

Walton, president of that firm, at the 75th meeting of the American Society of Animal Science.

In presenting this award, Walton cited Dr. Cundiff's contribution to accepted breeding procedures in beef cattle and for leading the team conducting the Cattle Germ Plasm Evaluation Program.

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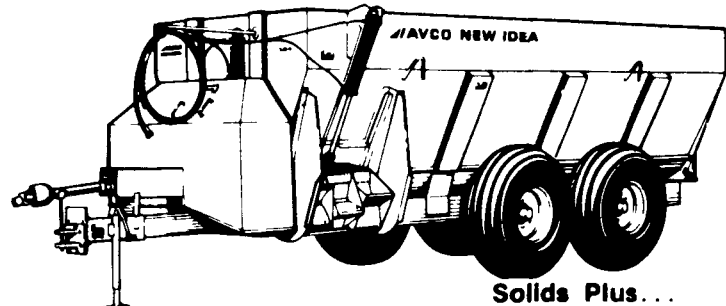
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Trial shows Lutalyse effective in natural service breeding program

KALAMAZOO, MI — A recent study in Colorado has demonstrated that a single injection program for synchronized breeding of heifers can reduce the calving period and increase profit potential in a multi-sire breeding program.

The trial, conducted at a commercial ranch near Norwood, resulted in an 84 percent pregnancy rate in heifers utilizing Lutalyse Sterile Solution (Upjohn) and natural service.

Heifers used in the trial were 14 months of age or older and averaged more than 700 pounds. The 155 commercial yearling heifers were maintained in a 60-acre breeding pasture throughout the trial.

All heifers were given a 5 ml injection of Lutalyse Steril Solution and immediately pastured with two bulls.

Five additional bulls were added to the group 48 hours later and remained for the 26-day breeding period.

The seven bulls used in the trial received a Breeding Soundness Examination (BSE) approximately one month prior to the breeding season and all scored 60 or better. No attempt was made to establish the presence of libido or sexual experience.

Calving data, based on a 274-284 day gestation period, revealed that 127 heifers (84 percent) became pregnant during the breeding period. Four heifers were lost to lightning.

At the start of the trial, 16 heifers were placed in a small breeding pen after the Lutalyse injection along with a yearling bull. Three days later, it was determined that the bull had very little libido and few, if any, of the heifers were

bred. These heifers were then placed with the rest of the heifers. Results may have been even higher had it not been for this incidence.

This demonstrated that a BSE should be used to disqualify bulls from breeding programs, not qualify them. Libido, breeding experience, endurance and age should also be considered.

During the gestation time for this trial, the owner sold 42 of these heifers at the National Western Livestock Show in Denver. He received a premium price because he could verify the heifers were bred within a 26-day period and were pregnant.

Other benefits resulting from this synchronization trial were increased labor efficiency due to a shortened calving period, selection of a predetermined calving time, more uniform-sized calf crop and

additional postpartum rest for yearling heifers prior to rebreeding with the cow herd.

These benefits demonstrate that a single injection estrus synchronization program using

natural service with multiple sires is a valuable beef production tool.

For more information on this program, write: Lutalyse/Natural Service Breeding, The Upjohn Company, P O Box 5087, Kalamazoo, MI 49003.



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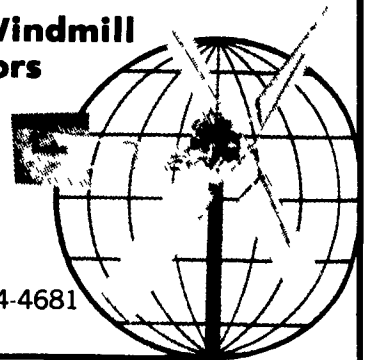
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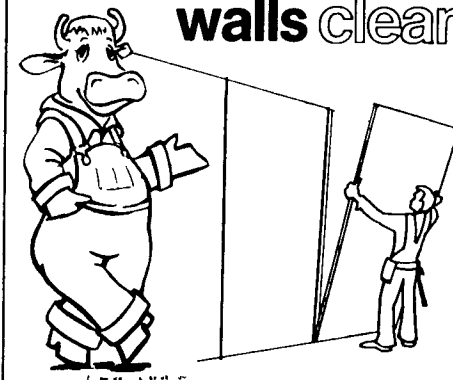
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Hereford Association offers identification system

KANSAS CITY, MO. — The American Hereford Association has announced plans for a new industry-wide service, the "AHA Genetic Identification System," to be made available as a separate program of the Association.

Starting Jan. 1, 1984, AHA will make the Genetic Identification System available to producers of crossbred cattle which contain 50 percent or more registered Hereford blood. A unique factor in the service will be the use of the AHA computer data bank of Total Performance Records from which growth and maternal breeding values on the cattle involved will be produced.

In addition, the percentage of Hereford and other breeds involved in the cross will be documented on computerized pedigree records.

"The recognized exceptional value of Hereford blood in most progressive crossbreeding programs and the demand for our breed genetic data bank has

prompted this action," said H.H. Dickenson, AHA executive director. "While there are several F1 and breed upgrade programs currently being carried on by other breed associations, the Genetic Identification System differs in that it documents varying breed makeup and genetic potential.

"In essence, it makes our performance program available to commercial and composite cattle which are established with a registered Hereford base and maintain at least 50 percent Hereford blood in the breeding programs."

From a program administration standpoint, the key elements for this system are a part of the association's in-house computer activities, Dickenson said.

"This project adds another dimension to our efforts to expand the Hereford influence," he said.

"I want to emphasize strongly that in no way does this program affect the Herd Book for registered

Hereford cattle. It is not an appendix program. It identifies breed makeup and performance of the Hereford cross animal and utilizes the Hereford base to predict genetic breeding value."

For simplicity's sake, animals processed through the Genetic Identification System will be identified as "Herfex" cattle. The basics of the new concept allow the progeny resulting from crossing of a registered Hereford with any other breed or cross to be eligible for the Herfex designation.

Through the registered Hereford portion of the pedigree, it is possible to access the AHA genetic data base and, thereby, produce breeding values on important traits. Producers will determine the degree of and the variation in the other breed makeup of a Herfex, but Hereford blood must make up 50 percent or more of the breeds involved.

The Genetic Identification System concept resulted from requests by cattlemen from wide

areas of the country, discussion with the scientific community on the merits of the program, and an evaluation of the performance capabilities of the AHA's data processing facilities.

Complete details will be available in the near future

Animal scientists as well as producers who requested this service have termed the AHA's plan as "one of tremendous value" to the beef cattle industry while complementing the marketing and merchandising of registered Hereford seedstock.

Hussman named assistant director of Certified Angus Beef program

ST. JOSEPH, Mo. Timothy K. Hussman, Brinklow, Md., has been named assistant director of the American Angus Association's Certified Angus Beef (CAB) program, reports Dick Spader, executive vice-president.

Hussman will assist Mick Colvin, director of the CAB program in coordinating all production, distribution and merchandising programs. The CAB program

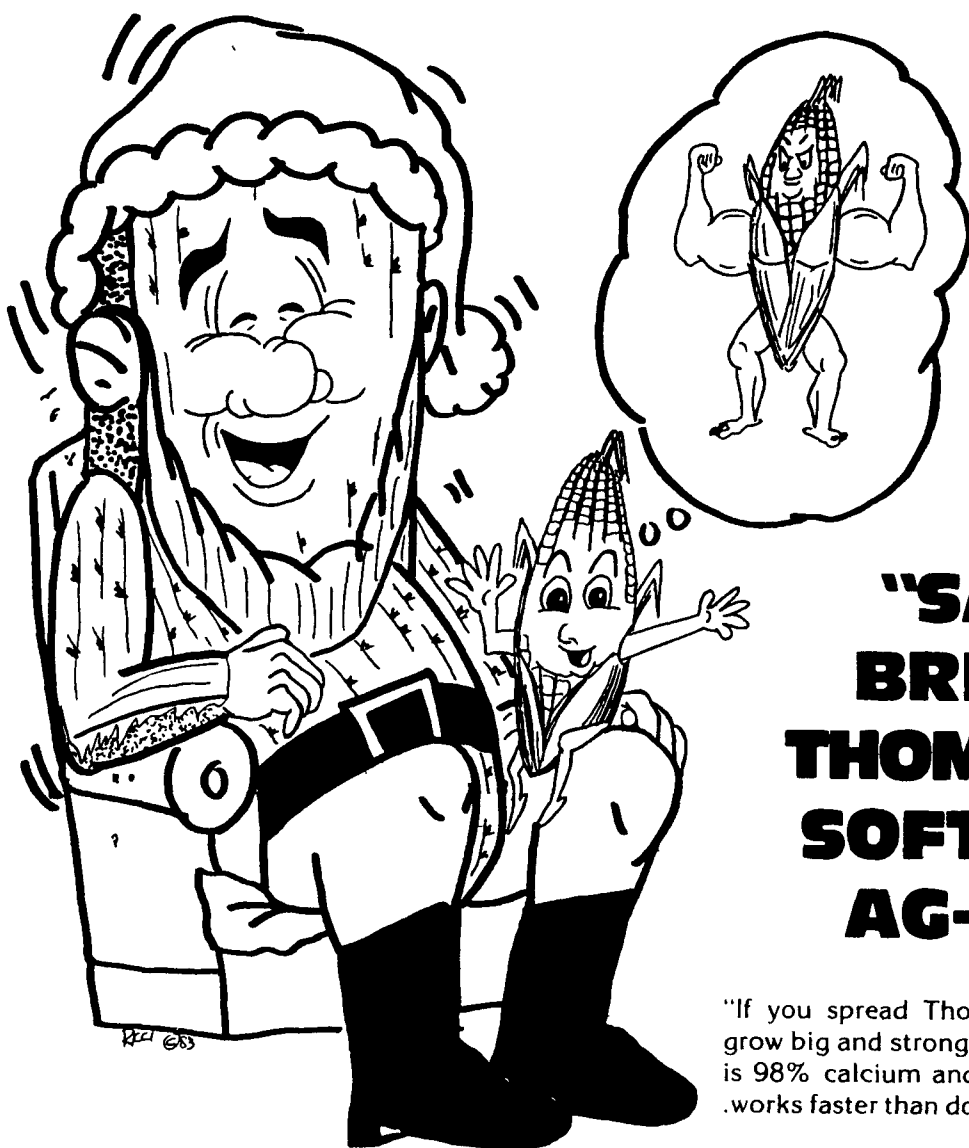
began on a test basis in 1978 and has grown to the point that Certified Angus Beef can now be made available to the food service industry nationwide and many parts of the world.

Hussman recently served as manager of the Eastern National Livestock Exposition in Timonium, Md., on an interim basis. He grew up on the family farm near Brinklow, Md., and was actively involved in the family's registered Angus cattle operation.

He is a 1961 graduate of Virginia Polytechnic Institute and State University, Blacksburg, Va., where he earned a B.S. degree in animal science. He was named to the dean's honor list and elected to Alpha Zeta honor fraternity. He also served as president and treasurer of the Block and Bridle Club and was a member of the livestock judging team.

After graduation he earned a diploma in Agricultural Science from Lincoln College at Canterbury, New Zealand. In the one-year postgraduate course he specialized in international trade, agricultural policy and farm management and financing.

Hussman will be working out of the Certified Angus Beef office in West Salem, Ohio for the present time. The telephone number is 419/846-3534.



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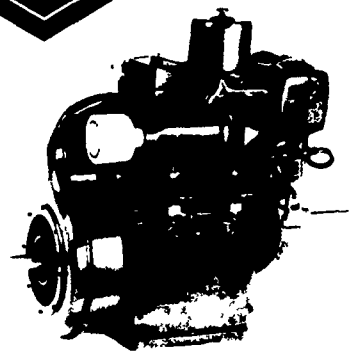
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DEALER INQUIRIES INVITED



The new John Deere 722 Mulch Finisher turns fall-tilled ground into seedbeds.

Deere cites new tillage tool

MOLINE, Ill. — John Deere has introduced a new spring tillage tool which may be used to turn fall-tilled ground into planter-ready seedbeds in one pass or to incorporate pre-plant herbicides.

The new 722 Mulch Finisher consists of 18-inch diameter disks to slice trash and level ridges, three ranks of C-shanks and a 5-bar tine tooth harrow to smooth the soil and make it ready for the planter.

The disks are spring loaded and set on a 9-degree angle, allowing them to flex to follow ground contours for effective disking action. A full 62 inches of space between the disk gangs and first

rank of C-shanks on rigid models and 52 inches on folding models allows soil particles to settle behind the disk. This eliminates the need for spray shields or baffles and allows spray nozzles to be mounted ahead of the C-shanks which incorporate the chemicals. Parallel lift linkage on the tine-tooth harrow allows it to work level at all times.

The new 722 Mulch Finisher will be available in five widths from 12 ft. 8 in. to 30 ft. The three largest sizes, 19 ft. 4 in., 24 ft. 8 in. and 30 ft., fold hydraulically for fast, easy transport.

MF announces tractor series

DES MOINES, Ia. — Modern agriculture requires top performing tractors with features that complement today's advanced farming techniques and implement design. For the farmer buying or leasing a tractor in the 90 to 125 pto horsepower range, Massey-Ferguson introduces the MF 3500 Series of two and four-wheel-drive tractors.

The MF 3500 Series is available in three horsepower sizes including the MF 3505 at 90 pto hp; the MF 3525 at 105 pto hp; and the MF 3545 at 125 pto hp. All models are available in two and four-wheel-drive.

Electronic 3-Point Hitch

MF 3500 Series tractors feature an electronically controlled 3-point hitch. The first of its kind introduced in this horsepower range in North America.

Advanced electronics and a 3-

point control computer provide precise position control, automatic draft control or a combination of both, to maintain proper equipment working depth or desired position. The system adjusts to changing soil conditions faster and more accurately than mechanical sensing systems.

A "lift limit dial" controls the maximum lift height of the lower links. The lift limit can be present when full lift height of the hitch is not desired - such as to avoid drive shaft damage to pto-driven implements.

Other features of the electronic 3-point hitch system include depth control dial, control selector switch, sensitivity dial, and raise/lower indicator lights.

Other Features

MF 3500 Series tractors feature Perkins in-line, 6-cylinder, 354 cubic inch engines. The MF 3505 is naturally aspirated, while the MF

3525 features the quiet engine performance and fuel efficiency of a turbocharger. The MF 3545 is also turbocharged and is charge-cooled (sometimes referred to as intercooled).

The MF 3500 Series features a self-adjusting, 14-inch diameter dry disk clutch.

Synchromesh Transmission

Synchromesh transmission is standard in the MF 3500 Series tractors. The new transmission gives 16 forward and 12 reverse speed selections. A hydraulically operated planetary gearset unit provides 2-speed shift on-the-go under full power without having to declutch, or stop.

To handle tough spots in a field the operator only has to push a button in the installment panel, and the tractor shifts down providing a 25% reduction in ground speed and significant increase in torque at the wheels. Once through, the operator merely pushes the button again to shift up.

Front wheel drive is an option on all MF 3500 Series tractors. Power to the front wheels can be engaged or disengaged on-the-go with the push of a button, saving time and operator effort increasing tractor productivity in marginal field conditions.

4-Pinion Differential

A heavy-duty, 4-pinion differential enables the operator to make efficient, sharp turns. A hydraulic differential lock is standard on the MF 3500 Series. It can be engaged on-the-go to increase traction in soft spots and decrease field time.

Four-wheel-drive models also have a hydraulic differential lock in the front axle assembly that is

Brown addresses Pa. Seedsmen

BY KIMBERLY HERR

LANCASTER — The Pa. Seedsmen's Association heard a realistic outlook on the financial concerns of 1984 last Friday during their annual meeting at the Treadway Resort Inn, Lancaster.

"1984 looks to be me like it will be a real rough year," Carl Brown, general manager at Farm Credit Service, told the group. "But things have got to get better because they can't get any worse."

Brown was the keynote speaker at Friday's meeting, speaking on "Agricultural Financial Concerns - Spring '84." He has been with Farm Credit Service for 28 years, serving for 20 years as the general manager.

"All the segments of agriculture have had their ups and downs this past year," Brown said.

For example, according to Brown, dairymen are unsure of what to do since the dairy bill has gone through. Do they produce milk or not? The tobacco farmer was suffering through low prices, although, according to Brown, the prices are raising. And of the poultry farmers, Brown said, "Nobody knows what the Task Force wants."

You can't clean a house up to suit them (the Task Force)," Brown said, adding that one house he knows of has been cleaned three times. "People are getting discouraged."

But the news was not all bad for the Seedsmen.

"All the good land here is going to be farmed," Brown said. "I'm sure we are going to see just as much buying of seed, fertilizer and everything that goes with it. We don't know of anybody who said they are not going to plant."

Brown did offer some words of caution to the group, however.

"Farmers are carrying a heavy debt load and everybody's going to be looking for a bargain," he cautioned. "People are looking harder. They are going to deal a little harder."



Carl Brown, of Farm Credit Service, addressed the Pa. Seedmen's Association last Friday. His topic was "Agricultural Financial Concerns - Spring '84."

"I don't mean to be all gloom and doom," Brown said. "We do think the hog market is going to get up in the 50s and the steer market may hit up around the \$70 mark."

Following his morning speech, Brown answered questions from the audience. One participant asked, "Are you (Farm Credit) taking new accounts? The answer: "Yes."

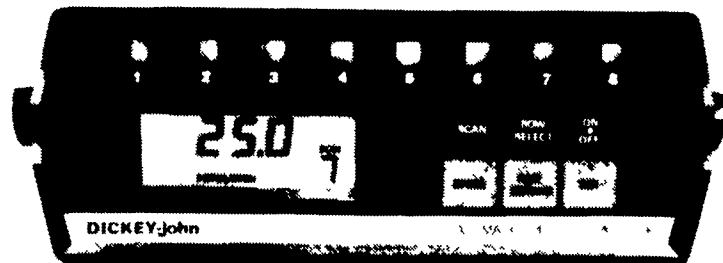
In the afternoon session of the meeting, Seedsmen heard Richard Deppen, from the Pa. Department of Agriculture. He had several announcements for the group.

"We will permit the fine texture, course kind labelling on lawn seed

mixture, providing that the components are listed in order of predominance," Deppen said.

He also explained that the seed laboratory is now on a computer and some reports received will be on computer printouts. "There is a possibility of errors in the initial period," he said.

In other business, two new board members were elected to three-year-terms. They are: Hugh Markum, Seedway; and Jack Litzelman, Dekalb-Pfizer. The new president of the Association is Hugh MacWilliam, Beachley-Hardy.



This is the new planting monitor from Dickey-John Corp.

Planting monitors debut

AUBURN, Ill. — Dickey-John Corp. has introduced a new generation of planting monitors - the DjPM-2000 - designed specifically for simple, precise population monitoring.

The easy-to-operate monitor allows the operator to enter his row spacings and planting speed into the microprocessor console. Then, during planting operation, the monitor constantly displays a digital readout of the average seeds per acre being planted by all rows. Each row may be monitored individually - or all rows may be automatically scanned to compare rates. For the greatest possible accuracy, the system updates the

population readout every 1/100 of an acre.

In addition to population monitoring, it features row lights for every planter unit. The lights, along with an audible alarm, provide an instant warning of planter malfunctions.

Other features of the monitor include an automatic sensor check to ensure that each photoelectric seed sensor is functioning properly, and a new weather-tight sealed hitch connector.

The new monitor is designed for use with both corn and soybeans. It is available in two models: for planters from 4 to 8 rows; and for planters from 12 to 16 rows.

controlled simultaneously with the rear lock.

PTO, Hydraulic System

A fully independent two-speed pto system is standard on MF 3500 tractors. PTO shafts are easily changed for 540 and 1000 rpm operation.

A two-pump, open center hydraulic system with two auxiliary valves is standard for all models.

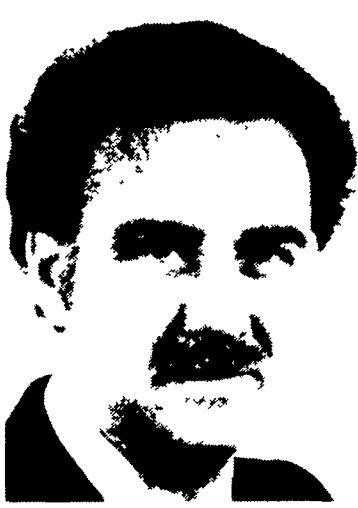


Massey-Ferguson is introducing its 3500 tractor series that features an electronic three-point hitch.





R. James Lafferty



Allon H. Lefever

Weaver names 2 directors

NEW HOLLAND — R. James Lafferty, Lancaster and Allon H. Lefever, Ronks have recently been named to the board of directors of Victor F. Weaver, Inc., New Holland.

Lafferty, Vice President - Finance and Treasurer, joined Weaver in 1969 as a cost accounting supervisor. In 1971 he assumed the position of cost and budget analyst and two years later was named financial planning and

was promoted to the position of manufacturing planning and controls manager and three years later was named corporate treasurer and controller.

Lefever, Vice President - Operations Group came to Weaver in 1974 as training supervisor. In 1977 he was named commodities analyst and a year later assumed the position of commodities research manager. He has also served in positions as manager - broiler production and economic

research as well as Vice President of planning and economic research. In 1980 he assumed his current position as Vice President of Operations Group and maintains responsibility for directing activities associated with production planning and control, economic research, broiler growout, purchasing, plant engineering, industrial engineering, and overseeing the administration of two Weaver subsidiaries Penn Ag Products and Central Farms, Inc.

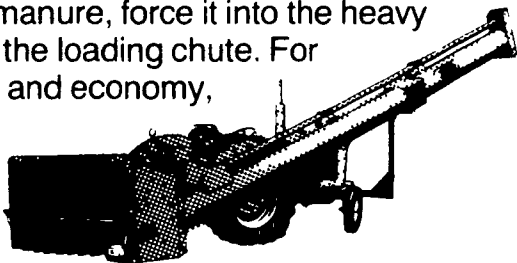
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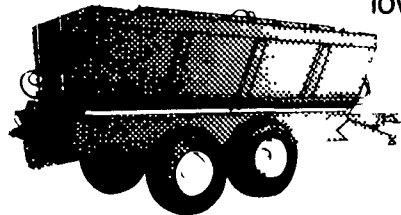
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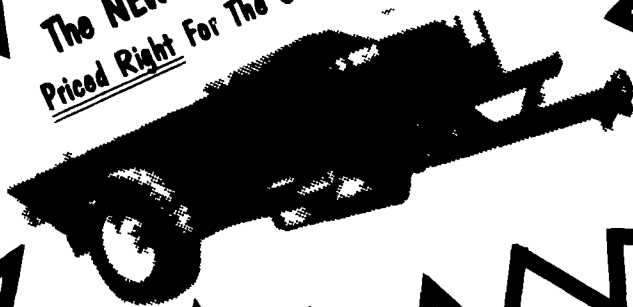
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Computerized feeding aids dairy efficiency

SYRACUSE, N.Y. — "The only way many dairy farmers will survive and profit over the next few years will be by becoming more efficient," said Paul A. Garrett, Building and Farm Systems Sales Manager for Agway Inc.

One way more and more dairy producers are increasing efficiency, according to Garrett, is through the successful use of computer technology, especially in the area of feed handling.

"With grain costs rising, and forage supplies limited in some areas, efficient dairymen know they must get control of this single biggest cost of producing milk," he said. "One very effective way, based on everything we have learned

from our tests in the field and at the Agway Farm Research Center, is by computer controlled feeding."

Agway officials expect computer controlled feeding to have significant economic impact on the Northeast dairy industry. As a result of its own extensive evaluations in this area, the cooperative began making an Agway system available to its members early in 1983.

"During the last half of the year, our recommendations to help dairymen adjust to the cost-price squeeze included the postponement of capital expenditures unless the item has a fast payback — three years or less," Garrett said.

"We have unhesitatingly recommended buying or leasing the Agway/Universal Computerized Feeding System because the payback runs from just one to three years."

Agway has found that one of the first and most frequently asked questions about computerized feeding is: Can the small farmer afford such a system? Its answer is a definite yes. In Europe, computerized feeding has been used for years, mostly on small farms. In fact, it's the small producer who has to be especially efficient in order to keep pace with the economies of scale that large operators enjoy.

Roy A. Sollenberger, an Agway member from St. Thomas, Pa. has a system installed in early July. He previously was feeding a total mixed ration with Schwartz stationary feeder in his free stall operation. "I am well satisfied

with the performance of the Agway computer feeding system, he said. "With 60 cows milking, I am saving about 300 pounds of feed per day. Cows are peaking higher and staying up longer. I would recommend it to any dairy farmer."

At that rate, the payback on Sollenberger's investment should be less than 12 months, Garrett explained. So far, the experience of Agway members with the computerized system mirrors a survey of 270 herds conducted by Ohio State University, which reported an average payback of 15.5 months.

Something else Agway has observed is how well computer controlled feeding works with Total Mixed Rations (TMR), a

long-established Agway program that has its own quick payback. Agway farmer members have benefited from the Total Mixed Ration program for more than 12 years. Now, with the fine tuning possible with computerized feeding, farmers can take control and, with a fairly high degree of accuracy, feed a nutritionally balanced ration based on each cow's individual production and body weight requirements.

There are two main reasons, according to Garrett, why the individual computerized feeder will enhance any Total Mixed Ration program. First, it increases the number of feeding groups for Total Mixed Rations. That is, the farmer can feed a group a TMR

(Turn to Page D9)



Roy A. Sollenberger, of St. Thomas, works with his Agway computerized feeding system.

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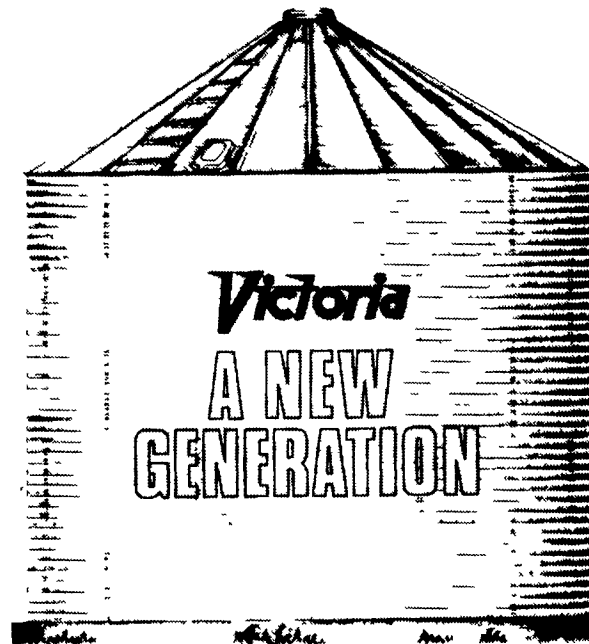
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18'	6,041	\$ 2,689	.44
21'	3,860	\$ 1,644	.41
21'	8,294	\$ 3,481	.41
24'	5,136	\$ 1,908	.37
24'	10,925	\$ 3,872	.35
27'	6,624	\$ 2,447	.36
27'	13,948	\$ 4,868	.34
30'	10,584	\$ 3,329	.31
30'	17,370	\$ 5,683	.32
36'	15,658	\$ 4,619	.29
36'	25,429	\$ 7,613	.29
42'	21,884	\$ 5,591	.25
42'	30,743	\$ 7,818	.25
48'	29,330	\$ 7,416	.25
48'	35,116	\$ 8,572	.24
48'	40,901	\$10,035	.24

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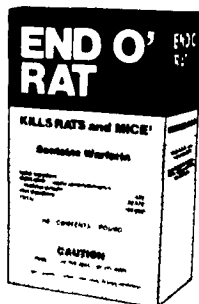
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550	4'0"	6'0"	7	751	274.00
1,000	4'0"	10'8"	10	827	324.00
1,000	4'0"	10'8"	7	1,129	406.00
1,000	5'4"	6'0"	7	1,028	378.00
1,500	5'4"	9'0"	7	1,388	509.00
2,000	5'4"	12'0"	7	1,735	620.00
3,000	5'4"	17'11"	7	2,432	837.00
4,000	5'4"	23'10"	7	3,130	1055.00
5,000	8'0"	13'7"	1/4"	4,484	1821.00
6,000	8'0"	16'0"	1/4"	5,588	1926.00
8,000	8'0"	21'4"	1/4"	6,981	2414.00
10,000	8'0"	26'8"	1/4"	8,375	2847.00
10,000	10'0"	17'0"	1/4"	7,829	2610.00
12,000	8'0"	32'0"	1/4"	9,768	3310.00
12,000	10'0"	20'6"	1/4"	8,946	2969.00
12,000	10'6"	18'7"	1/4"	7,900	2978.00
15,000	8'0"	40'0"	5/16"	14,823	5003.00
15,000	10'6"	23'2"	5/16"	11,857	4575.00
20,000	10'6"	31'0"	5/16"	15,105	5716.00
25,000	10'6"	38'9"	3/8"	23,883	7600.00
30,000	10'6"	46'6"	3/8"	27,923	8800.00

Tanks are fabricated in strict accordance with the specifications of Underwriters' Laboratories Inc. Exteriors of underground tanks are coated with black asphaltum paint. Exteriors of above ground tanks are coated with red primer. STI P3 system of corrosion protection for underground steel storage tanks available at an additional charge. We can provide timely delivery anywhere from 2 locations. Quarryville, PA, and Clarks-ville, Virginia. Contact us for delivery costs. We invite inquiries by phone or mail.

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1,500	5'4"	9'0"	7	1,388	75 to 175
2,000	5'4"	12'0"	7	1,735	100 to 200
3,000	5'4"	17'11"	7	2,432	150 to 300
4,000	5'4"	23'10"	7	3,130	250 to 500
6,000	8'0"	16'2"	1/4"	5,123	500 to 660
8,000	8'0"	21'6"	1/4"	6,475	700 to 880
10,000	8'0"	26'8"	1/4"	8,375	1100

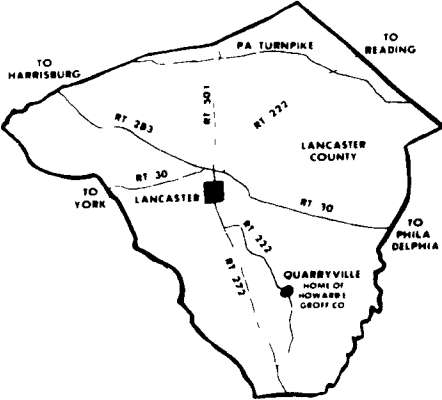
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60	12V DC w/meter	12	359.00
61	Same as Model 60, w/o meter	12	269.00
72	115V w/meter	14-15	356.00
73	115V, same as Model 72 w/o meter	14-15	275.00
1820	115V w/meter, w/cabinet	14-15	396.00
1820K	115V, same as Model 1820 w/2 units, Keytrol	14-15	491.00

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Computerized feeding

(Continued from Page D8)

balanced for a specific level of production, and then individually feed additional concentrate according to each cow's production level. Because it takes only seconds to change the amount of feed a particular cow gets, farmers avoid overfeeding low producers or underfeeding high producers. It also removes the stress of moving cows to lower production groups.

Second, it gets cows to peak sooner and higher. Starting at the end of the dry period and through the first several weeks after freshening, feed levels can be increased daily, or as often as desired until production levels off, and then can be cut back according to production.

Briefly, the Agway/Universal Computerized Feeding System works this way: An electronic responder/identifier attached to the neck strap is identified by the computer as the cow enters the feeding station. The feeder then dispenses feed on an individual cow basis by computer as programmed by the farmer and his Agway Farm Enterprise Salesperson. The amount of feed consumed on a daily and cumulative basis is available on a printout (printer is optional). This provides a control for the farmer so that he might, for example, determine if a cow is off-feed.

Garrett outlined the major features and advantages of the Agway/Universal Computerized Feeding System:

— Feeds each individual cow exactly what she needs for optimum milk production.

— Timed and measured portions (many meals each day) improve

digestion, feed assimilation and conversion of feed to milk.

— Prevents one cow from stealing another's daily feed allotment. When a cow steps back or is pushed away from a feed station, the computer instantly stops dispensing that cow's feed. A boss cow quickly learns this lesson.

— Unhurried feeding. Feed stations are located for easy, round-the-clock access to feed. A high producer doesn't need to hurry to get the fully daily ration she is programmed to receive.

— One or two feeds. Feed stations may be equipped with a second auger and feed divider, if the farmer desires to feed a second concentrate.

— Tells you each cow's programmed daily allowance of feed #1 and feed #2 (if on a two-feed program) and how much each cow has consumed of her daily ration.

— "Off feed" alert. If a cow does not eat her daily ration, the computer alerts farmer the cow is "off feed." This is the signal to investigate the cause.

Along with optional programs for instant retrieval and easy maintenance of lactation records, the Agway/Universal Computerized Feeding System also includes an optional Cow Calendar feature. This alerts a farmer to cows that should be: checked for heat, bred, checked for pregnancy, dried date and projected calving date.

"A dairy farmer installing this system today would see immediate results," Garrett said. "With its capability of lowering the feed cost per pound of milk producer, a computer controlled feeding operation is one of the most effective and economically accepted ways to improve net income."

Carnation names eastern rep

HUGHSON, Cal. — Announcement has been made of the appointment of Kevin E. Carhart as a regional program coordinator with Carnation Genetics, an international artificial breeding company. Carhart is being assigned to the eastern region, to include the New England states, Ohio and West Virginia.

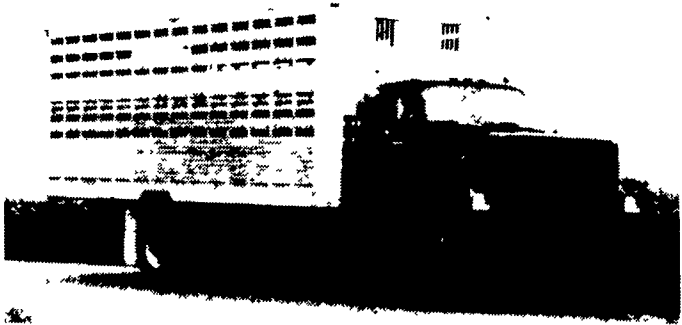
Carhart studied agri-business and dairy science at State University of New York,

Morrisville. He went on to gain a bachelors degree in agricultural economics and animal science from Cornell University.

He has more than four years as an active farm owner and herd manager, working for himself at the White-Eagle Farms near Hamilton, N.Y. Most recently he has been herd manager for the 250 cow herd at Lawnel Farms, Inc. near Piffard, N.Y.



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Groff offers planter frame

NEW HOLLAND — ABC Groff Inc. New Holland, is manufacturing and marketing its own planter frame. The frame is heavy duty and offers the small to medium sized farmer a chance to get all the benefits of a modern 4-row planter for about half the price.

"We expect to market the frame directly to the farmer who is planting up to 200 acres of corn plus 75 acres of soybeans. We also have the frame designed for

commercial sweet corn growers," said Bob Martin, president of the company.

The frame features a drive wheel centered in the frame that can be positioned in front of or to the rear of the front tool bar. This allows the planter units to be infinitely spaced between 18 inches and 42 inches.

The narrow spacing is ideal for planting soybeans. It is also ideal for sweet corn growers who plant their early corn under plastic

mulch. Using double disk furrow openers, the sweet corn seed can be planted in the furrow thus allowing the plastic mulch to be layed 4" to 5" above the seed.

Because the sweet corn is planted in 18-inch rows, 48-inch wide plastic mulch can be used for covering the two rows.

When using John Deere Max-Emerge planter units on the frame, the planter can be used for conventional till, minimum till and no-till.

The 500-lb. capacity dry fertilizer box is hinged and can be dumped forward for easy clean out.



Planter frame for small and medium-sized farmers is being manufactured and marketed by ABC Groff Inc., of New Holland.

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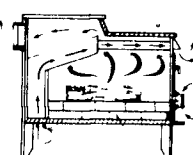


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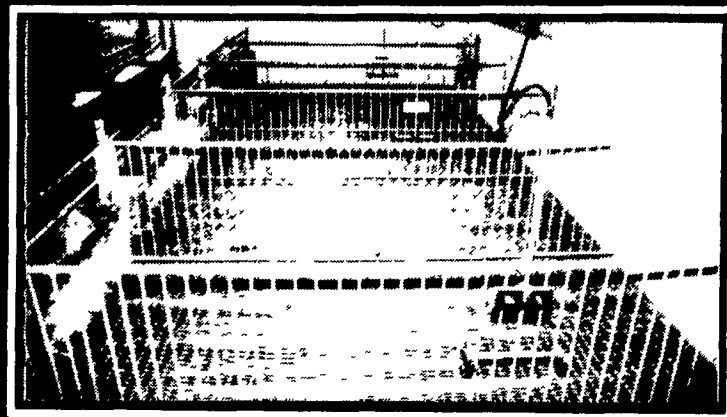
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Bucks County DHIA Monthly Report

November Report

OWNER	BREED	NO. COWS	DAYS MILK	LBS. MILK	LBS. FAT
J Howard Roth	B3	34 8	88 8	20,618	736
Crooked Acres Dairy	3	58 8	86 7	19,616	725
Richard O Smith	2	70 2	88 3	14,943	697
Breezyvale Farms	3	86 9	89 2	19,396	695
Wilmer W Rush	3	32 0	91 0	18,939	693
David R Wolfinger	3	35 8	90 4	19,894	692
Walter & David Wurster	3	60 5	89 6	19,780	692
Theodore S Wilson	B3	69 5	87 3	19,091	681
Delaware Val College	3	38 1	84 5	18,850	681
Ken & Virginia Hager	B3	50 9	87 0	18,836	664
Carl Slack	3	49 8	89 0	17,879	658
Raymond Gross	3	43 6	89 3	18,156	658
WM & Eleanor Gunser	3	60 9	89 5	17,878	655
George & David Bishop	3	90 8	89 0	18,446	655

Paul L Bishop	B3	62 7	88 0	18,538	654
Roy Shull	B3	196 3	86 7	17,571	650
Robert Crouse	B3	65 6	86 1	16,801	645
Penrose And	3	83 7	83 0	17,258	639
Bishcroft Farm	3	127 4	88 6	17,249	635
James & Louise Beyer	4	51 4	86 9	12,733	628
Delaware Val College	5	11 5	86 4	14,672	627
Paul & Doris Daniels	B3	73 3	86 0	17,018	622
James Pavlica	B3	42 6	88 5	16,633	622
Clifford W Moyer	B3	72 7	89 2	17,492	621
Willow Ridge Farm	3	46 6	85 4	16,375	613
P & C Berger	3	48 4	89 2	16,614	610
Frederick Bros	B3	70 7	86 3	17,067	602
Harold-Tom Haldeman	3	103 6	90 0	16,519	601
Robert R Gehman	B3	58 9	87 1	16,998	600

Lactation Report - 700 Pounds and over

OWNER NAME OR NO.	AGE	DAYS IN MILK	LBS. MILK	LBS. FAT
Warren E Buckman Jr	5 3	305	24,472	881
Flora				
Clifford W Moyer	3-2	305	20,716	818
Kass				
Theodore S Wilson	6-10	305	23,131	747
Erin	6-11	294	21,853	757
Trudy				
P & J Hallowell	4-3	305	23,601	918
Epic				
Ken & Virginia Hager	7-6	305	22,592	799
Bess				
Paul Keeler Jr	7-7	305	19,990	914
No. 37	5-2	305	19,805	746
No. 25				
Robert R Gehman	5-5	294	21,608	879
Viola				

Lancaster Farming, Saturday, December 24, 1983-D11

Carl R Kresge	5 7	305	21,783	790
Cotton				
Terry & Linda Long	4-0	305	17,575	714
Whimpy				
Glen Dairy R Moyer	4 7	305	18,573	746
No. 139				
David R Wolfinger	2 1	305	21,729	719
Pervy				
James Phillips	8 3	305	17,355	718
Sydney	4-4	287	19,884	706
Melissa				
Fredh R Bosworth	3 11	305	21,047	701
Rhoda				
WM & Eleanor Gunser	3 4	305	23,375	832
Becky				
J Howard Roth	3-3	288	21,212	720
No. 30				
Breezyvale Farms	4-6	305	24,219	804
Cora				
Delaware Valley College	6-9	305	21,693	848
Magic	6-3	305	20,997	749
Annette	4 2	305	19,377	791
Asteret				
Richard O Smith	10-8	305	17,177	798
Dana	6-6	305	20,511	852
Joyce	5-10	305	20,671	943
Candy	5-4	305	20,434	915
Ava	5-8	305	20,174	901
Noma	3-9	298	14,460	717
Juliet				
Harold-Tom Haldeman	6-10	305	21,520	782
Winner				

(Turn to Page D12)



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Make a qualifying down payment and your Gehl dealer will delay your final payment until next Sept. 1, 1984, on forage equipment. Or delay final payment on hay tools until July 1, 1984.

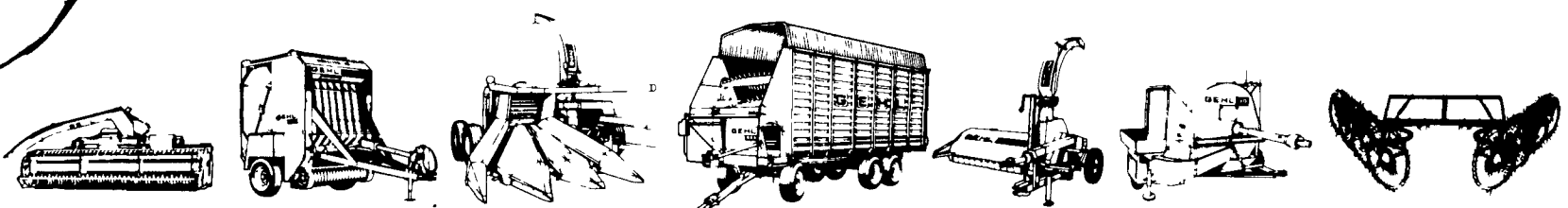
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*Gehl Cash Bonus offer ends Dec. 31, 1983. Bonus amount varies with models of equipment and date purchased.

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ARNETT'S GARAGE
Rt. 9 Box 125
Hagerstown, MD
301-733-0515

Bucks Co. DHIA

(Continued from Page D11)

Polite	4-5	305	19,993	730
Bishcroft Farm				
Elaine	7-11	297	19,619	723
Di	5-4	305	19,168	852
Deena	5-2	303	21,616	859
Darlin	2-10	305	16,392	730
Dana	2-11	270	16,136	702
Carl Slack				
Cindy	7-0	305	21,761	882
Noreen	5 7	305	22,549	750

GARRETT COUNTY DHIA
October Report

The following dairy cows were the top milk producers according to the October DHIA reports for the Garrett County District. Milk and fat records are reported on a mature equivalence basis, 305 days in milk.

Philip Beachy				
Maretha	28,320	858		
Jonas Kinsinger				
Admiral	25 680	881		
Ralph Lichty				
Becky	25,330	781		
Ezra Schrock				
041	25,020	1,015		
Carl Bender				
Sugar	25,000	886		
John Doerr				
9	24,650	898		
Edgar R Yoder				
Blossom	24,340	765		
Herman Schrock				
Violet	23,630	778		
Margroff Brothers				
7	23,590	735		

Daniel Lee Yoder				
Vanity	23,560	769		
John Doerr				
76	23,540	718		
Herman Schrock				
Dolly	23,380	839		
Herman Schrock				
Ruby	23,200	897		
Herman Schrock				
Betty	23,140	958		
Jonas Kinsinger				
Robin	22,970	794		
Raymon Schrock				
Betts	22,640	788		
Margroff Brothers				
10	22,540	779		
Fred W Teter				
Petula	22,460	749		
Carl Bender				
Prilly	22,440	887		
David W Yoder				
Fire	22,390	938		

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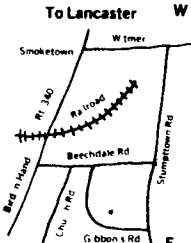
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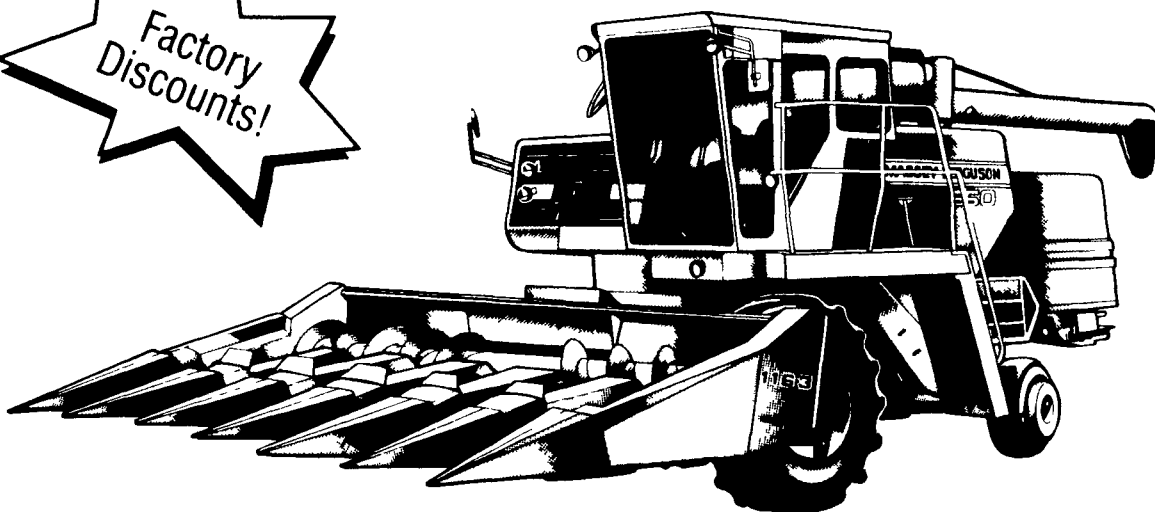
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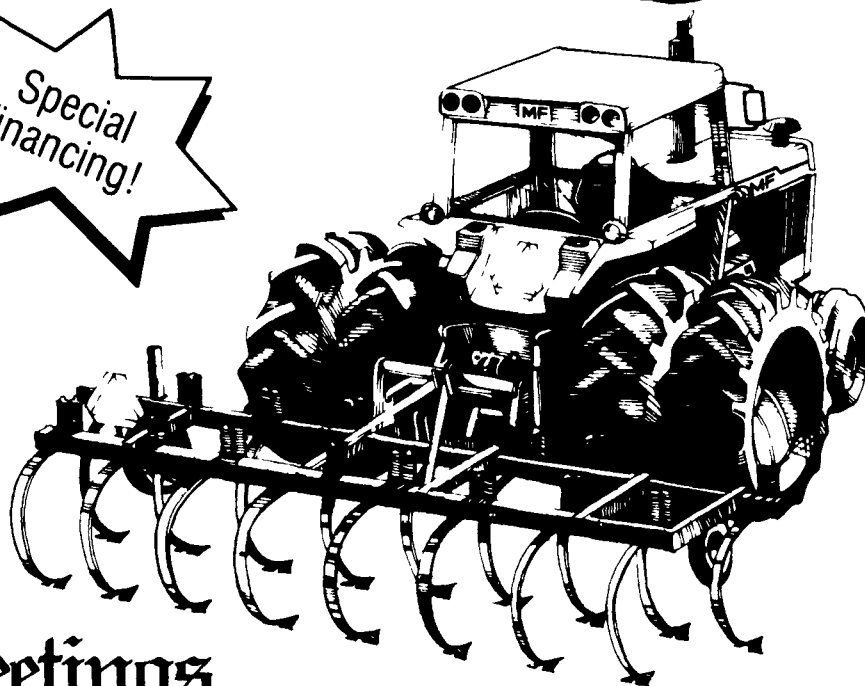
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MF financing subject to qualifying credit and down payment



Pennsylvania Dairy Herd Improvement Association

Huntingdon

County

DHIA

Monthly Report

November, 1983

Top Rolling Herd Averages

NAME	B3	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS. FAT
Evergreen Fm No 3	B3	383.9	85.1	18,447	762
Edwin Steach	3	71.0	86.8	20,409	735
Daland Farms	3	102.2	87.6	19,289	713
Gerald E McMath	3	71.2	89.6	19,416	694
Joseph M McMath	3	53.3	87.1	18,439	684
Gibboney Farms	3	55.3	85.9	18,682	672
Glenn Peachey	3	75.4	88.4	18,138	661

Gregory&Nancy Yocum	3	26.3	90.1	16,345	659
Locust Lane Farm	B3	84.4	85.2	17,723	657
Howard&Nancy Wiggim	B3	72.2	84.5	18,292	652

Lactation Report

OWNER NAME OR NO.	AGE	DAYS IN MILK	LBS. MILK	LBS. FAT
Evergreen Farm No 3				
1256	3	5-1	295	23,953
785	3	8-10	305	29,177
951	3	7-9	305	25,301
722	3	9-10	305	22,906
1178	3	5-3	305	21,717
1201	3	5-4	305	25,728
1199	3	5-3	292	22,674
1376	3	4-0	301	19,522
1164	3	5-7	288	16,810
997	3	6-11	305	24,583
1198	3	5-1	305	19,990
1531	3	4-4	305	22,974
1090	3	6-2	305	21,153
1219	3	8-2	305	16,168
1521	3	3-6	305	20,756
371	3	12-11	305	22,349
1553	3	2-11	292	19,000
Joseph M McMath				
Pearl	3	5-8	305	25,032
Ivy	3	6-2	305	19,865
Edwin Steach				
Lena	3	4-11	303	22,624
Nancy	3	5-10	305	22,863

Jasmine	3	4-5	294	17,705	777
Renada	3	3-1	305	22,041	775
Billie	3	3-1	284	19,369	750
Gerald E McMath					
Dew	3	6-7	305	26,530	938
Globe Run Farms					
Peach	3	3-11	305	22,663	881
Roland G Yoder					
Coral	3	5-4	305	20,994	829
Sally	3	8-2	305	23,924	811
Rosie	3	5-2	305	18,395	786
Cedar	3	3-2	305	23,292	777
Chester & Carole Smith					
76	3	5-3	305	20,670	816
Durbin Farms					
Sonny	3	4-8	305	19,037	808
Dilly	3	4-0	305	22,778	789
Dolly	3	5-6	305	22,965	770
Howard & Nancy Wiggim					
98Danny	3	9-2	305	22,378	806
25Meg	3	10-11	305	22,916	780
Breezy Hollow Farm					
Ali 14	3	4-3	305	22,506	788
Geary E. Shade					
C Honey	3	11-2	305	23,147	778
Gensimore Farms Inc					
130	3	3-9	305	19,727	757
John Meyers					
9	3	5-4	271	17,829	756



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- 3. Pre-Payment Plan** - Interest is paid on unused balance. Materials are charged against account as purchased.

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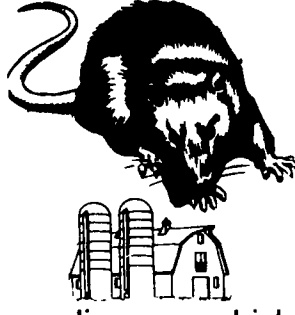
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Pa. Nurserymen Conference slated for Feb.

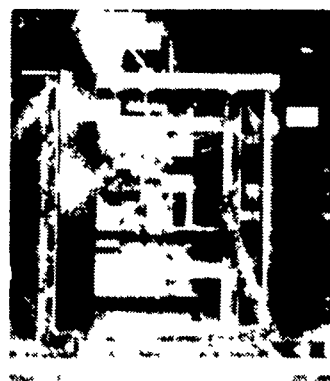
UNIVERSITY PARK — The 39th annual Pa. Nurserymen and Allied Industries Conference located on the University Park Campus of the Pennsylvania State University will be held Monday through Thursday, February 6-9.

The 1984 Conference will be longer than any of its predecessors. One full day will be devoted to each segment of the industry - nursery production, landscape contracting, garden centers and one day to business management. The change in format was made for two reasons. First, many participants objected to concurrent sessions. Second, the new format makes the conference more accessible to business owners and employees who want to attend only those meetings directly related to their specialty.

The conference will host speakers who are highly respected in the nursery industry and proven educators. Registration will be held daily at \$25 per day. The fee for those who preregister by January 27, 1984 will be \$20 per day. Discounts have been established for firms sending more than two employees to the conference. Programs are available at the Wayne County Extension Office. Call 253-5970, ext. 114 for your copy.



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Miller selected for committee

HARRISBURG — A member of Sen. Edward W. Helfrick's staff has been personally invited to serve as a member of the Pennsylvania Agribusiness Award selection committee by the state's Secretary of Agriculture.

According to Helfrick, Sheila Miller, who serves as research analyst to the Senate Agriculture and Rural Affairs Committee, will be helping to select the agribusiness firm which excelled in the promotion of Pennsylvania agriculture through the "We're Growing Better" or "Keystone Pride" logos. This year six firms have been nominated as candidates for the annual award, in its fourth year.

In asking Miller to serve, Secretary Hallowell stated in a letter: "Your knowledge and involvement in Pennsylvania's agriculture/agribusiness industry makes you ideal for the Pennsylvania Agribusiness Award selection committee."

Miller is a graduate of Penn State's College of Agriculture and, with her husband, operates a purebred beef farm. She has been a member of Helfrick's Harrisburg office staff since April 1983. Previous to her employment with the Senate, Miller was editor of Lancaster Farming newspaper. She was also an employee of the U.S. Department of Agriculture's Soil Conservation Service from 1974-79.

"With agriculture being our state's number one industry, I am proud that the Secretary has chosen one of my staff people to help select the firm which best helped the public to recognize the vital role agribusiness plays in the Commonwealth's economy," says Helfrick.

Herbicide name picked

MIDLAND, Mich. — Dow Chemical U.S.A. has announced Verdict herbicide as the trademark for its new postemergence soybean and cotton herbicide.

Verdict herbicide will be the trademark for Dowco 453, the experimental name currently used

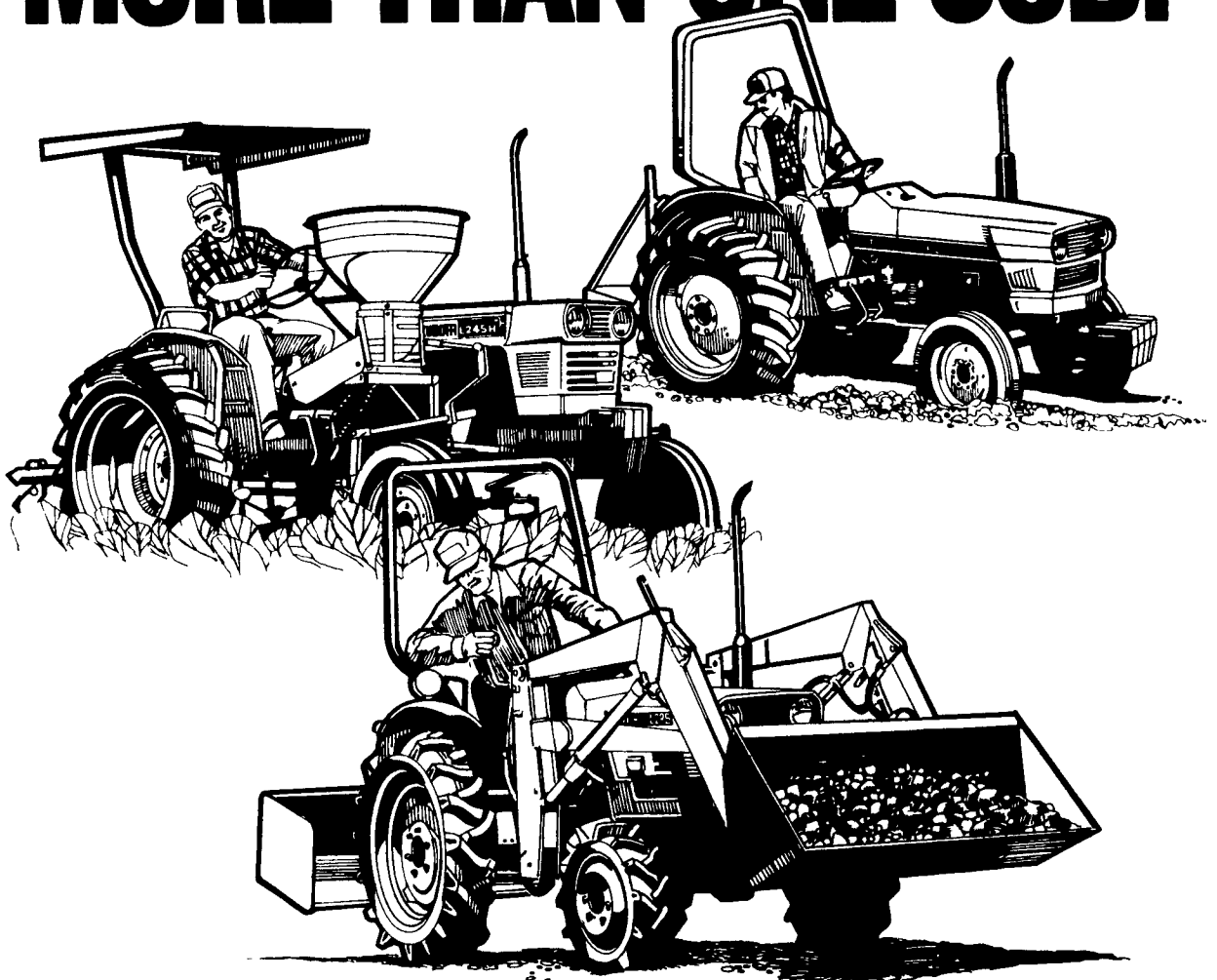
for the active ingredient, haloxyfop-methyl.

Verdict herbicide is expected to be approved for limited use under an Experimental Use Permit (EUP) by the Environmental Protection Agency in 1984.

Verdict is said to control annual

and perennial grasses in soybeans and cotton. Specific weeds controlled include giant foxtail, wild proso millet, quackgrass, johnsongrass and bermudagrass. The herbicide is highly selective to grasses and can be applied to broadleaf crops without injury.

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Dever, Fineman acquire new roles at IMPCO

SOUTHAMPTON, PA — At its organizational meeting last month, Inter-State Milk Producers' Cooperative's Board of Directors elected two new officers.

Robert M. Dever, Philadelphia, was elected assistant secretary, and Evan L. Fineman, Philadelphia, was elected treasurer, according to president Robert B. McSparran.

Dever, a 14-year Inter-State employee, had served as treasurer of the Cooperative for 10 years. Since November 1982, Dever held the dual role of treasurer and business manager. He now holds the dual role of assistant secretary and assistant general manager.

Dever received his Master of Business Administration from Temple University and his Bachelor degree in accounting from Drexel University.

Fineman, a 10-year employee, served as payroll supervisor for eight years. For the past two years, he has served as controller and finance manager.

Fineman received his Bachelor degree in accounting from Temple University. He is currently pursuing a Master of Business Administration from LaSalle College.



The 1983-84 Inter-State Milk Producers' Cooperative officers are pictured from left to right: Treasurer Evan L. Fineman; Assistant Secretary and Assistant General Manager Robert M. Dever; Vice President Daniel L. Martin; President Robert B. McSparran; and Secretary and General Manager Paul E. Hand.

Secretary and General Manager Paul E. Hand commended the two for their outstanding performance. "We look forward to their continuing their professional development in these new, expanded roles," he said.

McSparran also reported that District 4 has a new director,

William Bian Harcum. Harcum, Mardela Springs, replaced the retiring William Brinsfield, Cordova, both of Maryland's Eastern Shore.

Finally, McSparran announced the new members of Inter-State's executive committee: Curtis E. Akers, Quarryville, Pa.; J. Wade Groff, Lancaster, Pa.; William N.

Hopkins, Lewes, Del.; Warren Knutsen, Rising Sun, Md.; Ivo V. Otto, Jr., Carlisle, Pa.; Charles E. Schilling, Petersburg, Pa.; and Roy A. Weaner, Gettysburg, Pa.

McSparran, Peach Bottom, Pa., and Vice President Daniel L. Martin, Manheim, Pa., also serve as ex officio members of the committee.

Mastitis report available

KALAMAZOO, Mich. — A new dairy management report discussing the benefits of a total mastitis treatment program is now available from The Upjohn Company.

Included in this report is a review of mastitis management programs to be followed in a dairy, especially the benefits of dry cow treatment. Also covered is the effectiveness of Quartermaster as

a dry cow treatment for subclinical mastitis. Comments by veterinarians and producers provide practical advice on how to reduce milk production losses with proper mastitis treatment.

For a single copy of the report, or for more information, write: Dairy Management Report 4, The Upjohn Company, P.O. Box 5087, Kalamazoo, MI 49003.

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I will share helpful guidelines on roof maintenance of steel roofs by brushing on at prime time.

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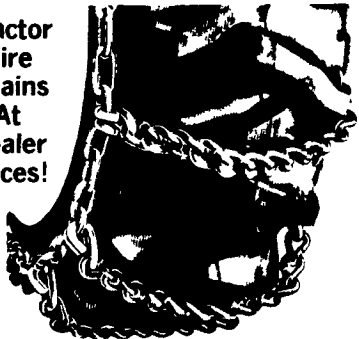
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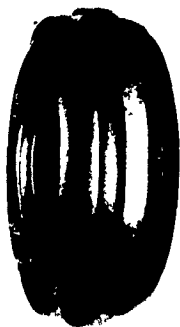
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500-15	\$31.00
550-16, 4 ply.	\$33.00
550-16, 6 ply.	\$36.00
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600-16, 6 ply.	\$41.00
650-16, 6 ply.	\$42.00
75L-15, 6 ply.	\$50.00
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750-16, 8 ply.	\$54.00
750-18, 6 ply.	\$64.00
9.5L-15, 6 ply.	\$55.00
9.5L-15, 8 ply.	\$60.00
1000-16, 6 ply.	\$80.00
11Lx15, 8 ply.	\$75.00
1100-16, 8 ply.	\$110.00
14L-16.1, 8 ply.	\$160.00

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11.2x28, 4 ply.	\$113.00
11.2x38	\$140.00
11.2x36	\$135.00
12.4x24	\$120.00
12.4x28, 4 ply.	\$125.00
12.4x38	\$165.00
13.6x28, 6 ply.	\$155.00
13.6x38, 6 ply.	\$191.15
13.9x36, 6 ply.	\$185.00
14.9x26, 6 ply.	\$170.00
14.9x28, 4 ply.	\$158.00
14.9x38, 6 ply.	\$224.00
15.5x38, 6 ply.	\$220.72
16.9x34, 6 ply.	\$250.00
16.9x38, 6 ply.	\$275.00
18.4x38, 8 ply.	\$364.12
20.8x38, 8 ply.	\$495.00
20.8x34, 6 ply.	\$450.00
18.4x34, 6 ply.	\$289.00
18.4x34 8 ply.	\$325.00
16.9x30, 6 ply.	\$224.00
18.4x30, 6 ply.	\$262.00
14.9x28, 6 ply.	\$173.00
13.6x28, 4 ply.	\$140.00
16.9x28, 6 ply.	\$220.00
24.5x32, 10 ply.	\$700.00
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Dolan to head A.O. Smith

MILWAUKEE, Wisc. — L.B. Smith, chairman and chief executive officer of A.O. Smith Corporation, will step down as CEO on Jan. 1 and as chairman on June 30, 1984. He will remain a director of A.O. Smith and Smith Investment company, which owns some 54 percent of the Milwaukee-based company.

Smith, who is 63, said he is retiring early because the diversified manufacturing company is well on the way to recovery and a new executive team in which he has great confidence is being put into place.

He announced that the board of directors had elected Thomas I. Dolan, 56, as chief executive officer effective Jan. 1. Dolan, who has been president and chief operating officer since July, 1982, has also been nominated to become chairman of A. O. Smith on July 1, 1984.

The directors also created three new senior vice president posts and decided to leave the office of president vacant after July 1.

The new senior vice presidents, along with Robert A. Rietz, vice chairman, and David H. Stieber, executive vice president, will all report to Dolan, who becomes only the second non-Smith family member to lead the company in its 110 year history.

Dolan joined A.O. Smith in 1980 as a senior vice president after a successful career at White Consolidated Industries, Inc., and its predecessor companies. He rose



Thomas I. Dolan

from an engineer at Gibson Refrigerator to vice president of engineering to president of Kelvinator, Inc., to senior group vice president at White Consolidated.

Smith's retirement comes after 42 years of service to the company.



L.B. Smith

He joined A.O. Smith in 1942, was elected a vice president and director in 1945 and president in 1951. He became the fourth generation of the Smith family to head the firm in the mid-1950s and was elected chairman and chief executive officer in 1967.

Bulk handling available

WESTPORT, Ct. — Sutazine+ herbicide for corn is now available for bulk and mini-bulk handling, according to Stauffer Chemical Company, the manufacturer.

The product, new on the market for the 1983 planting season, was packaged only in 2-1/2 gallon

plastic jugs last year.

Sutazine+, micro-emulsion (ME) formulation, contains Stauffer's Sutan+ herbicide and atrazine in a 4:1 ratio. It offers broad spectrum, consistent weed control while speeding and simplifying handling, measuring and mixing.



Posing with one of the Harvestore system structural sheets into which the "Real Seal" emblem has been fused is Randall Groff, advertising project manager for A.O. Smith Harvestore Products, Inc.

Harvestore adopts 'Real Seal'

ARLINGTON HEIGHTS, IL. — To allow dairymen to identify their farms as sources of real dairy products, A. O. Smith Harvestore Products, Inc. has agreed to assist the American Dairy Association in its promoting of the "REAL" Seal symbol.

The "REAL" Seal, a stylized drop of milk enclosing the word "REAL", is a registered trademark used to identify genuine dairy foods. In its new appearances, it will also identify farms which are sources of these nutritious foods. The American Dairy Association points out that such use of the symbol implies no endorsement of harvestore system products.

Reproductions of the seal will be available as an option on the company's line of feed and manure storage structures, widely used on dairy farms. The symbol will appear on glass-coated steel sheets used in construction of the familiar blue structures.

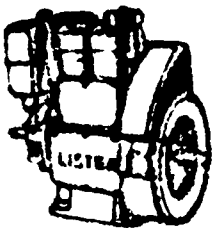
Present owners of Harvestore structures and Slurrystore systems for liquid manure can also display the "REAL" Seal on their farms through the use of special magnetic emblems that may be used for either temporary or permanent installation. The magnetic sheets may be ordered through authorized Harvestore system dealerships.

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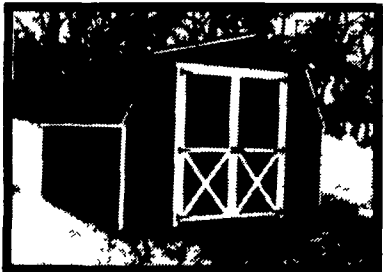
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6x8	'405	10x14	'640	12x20	'925
8x10	'445	10x16	'690	12x24	'1090
8x12	'480	12x14	'750	12x28	'1270
8x14	'520	12x16	'810	14x24	'1545
				14x28	'1895

Happy Holiday

Many thanks to you for your valued patronage
throughout the year.
Have a Merry Christmas!



Lancaster Farming
Advertising Staff

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Lebanon County DHIA Monthly Report

November, 1983

OWNER	BRD	NO. COW	DAYS IN MILK	LBS. MILK	LBS. FAT
Willow Maple Farm	3	43 5	92 2	21,879	782
Dale Hostetter&Sons	3	91 4	86.6	18,173	717
Raymon&Marlin Getz	3	58 2	83.3	18,744	711
Roy E Nolt	B3	50.6	84.1	19,613	707
Conewago View Farms	B3	71 5	87.3	19,045	701
Hoover Farms	3	83 0	88.0	19,541	699
Elvin Martin	B3	58 3	87.1	19,928	695
Marvin K Meyer&Sons	B3	103 8	90.0	18,026	693
Gary Lentz	3	70.8	86.5	19,229	689
Donald G Hoffer	B3	43 0	86.5	18,476	688
Mervin W Horst	B3	42 2	86.3	19,037	679
Arnold Acres	3	113.6	86 7	18,244	673
Richard L Heilinger	B5	16 5	85.8	15,888	673
Mark H Bomberger&Son	B3	79 6	88.0	18,973	671
Fort Zeller Farm	B3	48 2	87 1	17,867	670
Kirby L Horst	3	45 1	85 3	17,853	669
Roy H Weaver	3	58 7	88.6	18,783	669
Lentzdale Farms	B3	74 8	86 9	18,132	666

Kenneth Mase	B3	89 3	87.3	18,000	666
Marlin M High	G8	44 1	86.6	18,964	662
Gary Mase	B3	30.8	81 0	18,345	661
Eugene R Houser	3	30.4	88 8	17,557	661
David Brandt	3	72 2	88 2	18,216	660
Robert Martin	B3	51.7	85 4	17,873	660
M Luther Bennetch	G3	71 4	86.3	16,522	659
Marlin G Heisey	B3	40 5	85 8	18,255	655
Phares Z Musser	3	87 3	87 4	16,479	655
Ronald Kelchner	B3	61 7	84 5	18,623	655
Vincent A Wagner	3	45 9	86 3	18,210	652
Dennis Wampler	B3	90 2	88 3	18,563	652
Harvey T Bomgardner	3	93 0	85 5	17,341	651
Philhaven Farm	3	100 5	89 9	18,352	649
Ernest P Detweiler	B3	55 0	83 5	18,800	646
Robert B Smith	2	67 5	86 4	13,506	645
Earl Smith	3	38 8	89 4	17,093	642
Hoover Farms No 2	B3	53 7	86.0	17,821	641
Lester Martin	B3	57 5	90.1	17,104	641
Isaac E Zimmerman	3	22 7	87 5	16,125	641
Irvin Z Brubaker	B3	46.6	87 1	18,218	640
Reuben O Martin	B3	67 3	86 5	18,435	640
Ferndale Farms	3	83 4	83.5	17,012	639
Eugene Martin	B3	89 2	86 4	17,474	639
Daniel B Shirk	3	35.8	87 8	17,582	637
Arthur R Krall&Son	3	66 0	87 4	17,638	637
Lloyd Burkholder Jr	B3	53 1	85 2	18,227	635
John Brubaker	B3	48.3	86.7	18,037	635
Walter K Heisey	B3	53 8	86 8	17,565	634
Melvin M Nolt	B3	52.3	87 8	17,020	633
Mark C Patches	B3	95 0	87 5	16,127	632
Hershey Bare	3	87 3	86.2	16,569	631
Bucher Brothers	G3	40 0	82 8	18,453	631
Enos N Leinbach	3	30 7	93.1	17,364	627
Richard&Donald Shirk	3	80 2	86 2	16,315	626
Wernerway Farms	B3	125 8	86 8	17,145	625
Lloyd S Newswanger	B3	75 1	84.8	18,031	622
Twin-Maple Farm	B3	40 1	88.7	16,927	619
James&Pamela Berry	B3	49 4	88 4	17,060	619
San Bo Holsteins	3	78 9	83 5	17,123	618

Lancaster Farming, Saturday, December 24, 1983—D19

Wilmer S Reiff	B3	61.0	86 4	17,371	618
Richard L Heilinger	B3	25.4	85.6	17,120	613
Gideon A Fisher Jr	G3	32.5	85.5	17,784	612
Sonnen Acres	B3	126.3	83.1	16,592	611
Leon M Burkholder	B3	41 5	87.4	16,413	608
Clyde E Deck	B3	71.0	85.8	16,565	607
Ernest Wagner	3	39 1	87 6	17,218	604
Mark Copenhaver	B3	73 7	88 4	16,826	604
Gary Lee Mase	5	27 8	81 4	14,525	601

CRAWFORD COUNTY DHIA October Report HIGH HERDS FOR OCTOBER

(Note: Herds are listed by Rolling Herd Averages producing over 650 lbs. of fat; starting this month, lbs. of protein will be listed.)

Queen Manor Holsteins	RH	17.8	20,555	782
Crawford County Farm	GH	29.6	21,240	765
Arden&Ivan Drake	RH	19.6	20,977	730
John Tautin, Sr	R&GH	42.5	19,523	730
Black Pond Farms	RH	87.0	19,650	728
Richard L Black	RH	45.6	18,877	721
Helen Anthony	R&GH	59.9	18,534	696
LaVerne R Johnson	R&GH	49.6	18,357	694
Roman Miller&Sons	R&GH	59.2	18,228	688
Jeff&Annette Bradshaw	R&GH	29.3	21,157	687
John Brenner	GH	38.6	16,878	676
Ernest Oakes	R&GH	75.3	19,382	668
Tom&Libby Wilson	RH	11.7	18,440	668
George P Simcheck	R&GH	48 5	16,777	667
Dave&Kay Slusser	RH	53.5	18,435	664
Robert A Freyermuth	RH	31.2	18,039	658
Kenneth&Judy Mook	R&GMx.	14.5	16,944	658
Richard M Lyons	RH	16.2	17,681	655
Stanley Bradshaw	R&GH	58.4	17,338	655
Earl&Lisa Hamilton	R&GH	63.0	18,461	654
Dennis B Halfast	R&GH	41 9	18,055	654
David C Lamb	GH	36.9	18,057	652
Lyle D Miller&Sons	GH	42.6	17,979	650

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December 29th

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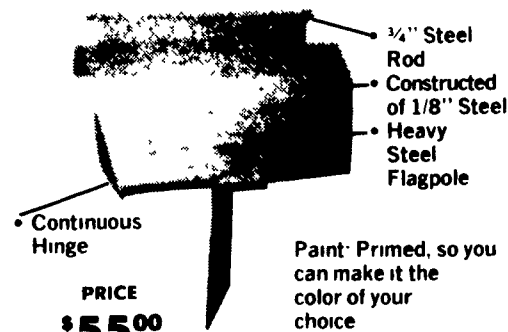
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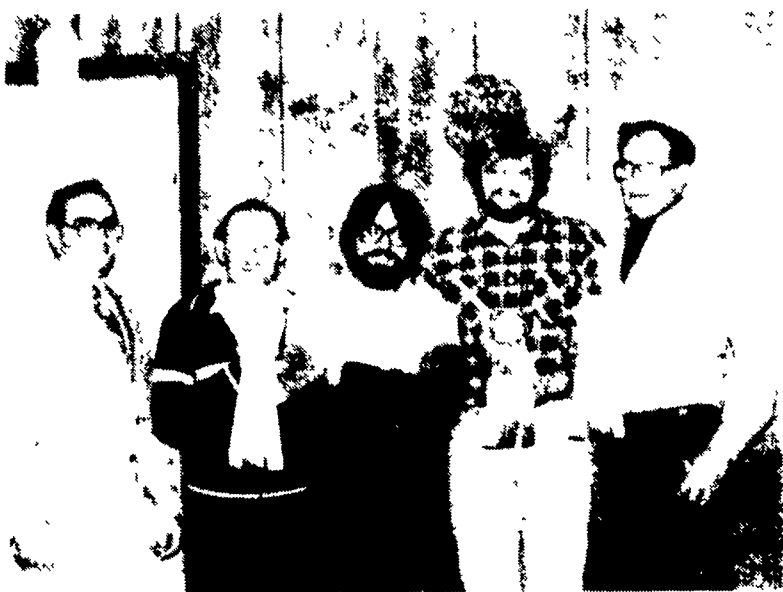
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McKean presents outstanding dairy awards



Honored for their participation in last summer's 4-H Dairy Show are these McKean County youths, from the left, Becky Erway, Beth Stratton, Tonya Martin, Paul Lapp and Brent Ford.



County Agent Jack Erway, of McKean, is shown with dairy herd production winners, from the left, Orton Kinney, high herd; John and Lester Lapp, third highest herd; and Alan Kinney, high herd.



Among McKean County Dairymen whose herds showed greatest production improvement are, from the left, Gene Mantz, most improved in fat; Joe Comes, of Sire Power; Donald Michelitsch, most improved in milk; with County Agent Jack Erway.



Recognized in McKean County for long service as a 4-H dairy leader is Lawrence Stratton, left. Charles Irons was honored as Holstein Man of Year.

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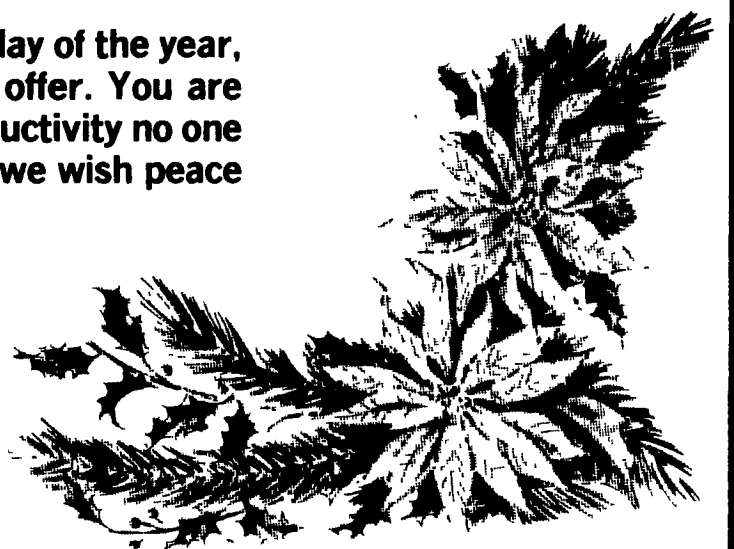
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As farmers, your labors make each of our lives more bountiful. Everyday of the year, you supply our tables with the finest nourishment that nature has to offer. You are truly the backbone of our country because without your efforts and productivity no one could pursue other endeavors. During this season of joy and good will, we wish peace and prosperity to all farm families.

The SPERRY NEW HOLLAND Dealers in your area wish you a MERRY CHRISTMAS and a Happy New Year!



Mexican cooperation expanded

WASHINGTON, D.C. — The United States and Mexico have signed an agreement to expand their cooperative scientific and technical efforts in the areas of agriculture and natural resources.

The agreement, signed by U.S. Secretary of Agriculture John R. Block and Mexican Minister of Agriculture and Water Resources Garcia Aguilar, includes provisions for further development of tropical agriculture and crop production forecasting and efforts in the areas of animal health, soil conservation, seeds, forestry, pest control and nutrition.

Block also said the two countries will exchange information related to agriculture, organize study tours for agricultural scientists and specialists, arrange for joint seminars and conferences, and engage in other agricultural programs which benefit both countries.

The scientific, academic and business communities of both countries will be involved in the cooperative activities, Block said. A U.S.-Mexican working group will plan the overall program. USDA's Office of International Cooperation and Development will coordinate USDA involvement in the cooperative activities.

Each country will bear the costs of its own participation in the program under the terms of the agreement.

Block also announced that the United States and Mexico recently

signed an agreement on the collection and exchange of plant germ-plasm.



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Disinfecting Is Not The Answer... Back To Nature Is.

If I stand on your foot and you holler, what shall I do — get off of your foot or cut off your tongue? Will bankers and Harrisburg bail you out the second time if they go broke from the first swing?

A farmer with 150 cows using a natural product on the whole herd, increased fat from 3.75 to 4% in November, and milk 250 lbs. per day, equal to \$55. Cost only about \$10 per day or less according to quantity.

Same product in hogs saved 12% on feed and nearly that much on chickens because of better digestion. Evidence from the dairy, less product may give same results, thereby more than paying for itself also in chickens.

Product is money back guaranteed if you can't see improvement in layer's healthy appearance or performance in 10 days. (before disease outbreak).

It is not government approved yet, but if you are desperate, you and the poultry industry can't afford to wait. Our other proof is sufficient. Proved is better than approved, in desperation.

Write for literature. Too much to say on phone. Only part-time hours next week.

We are getting another hot natural for prevention with plenty official proof. Will have literature available.

FULL SPECTRUM lights would also help. Layers lack sunshine. Full spectrum is nearest thing to the sun. Just increased production, egg quality, less mortality pays for them in about a year, let alone probably preventing disease especially in conjunction with the above mentioned product. Write for literature.

Impure water also helps cause disease. (Solution — natural fertilizer in the future. Ours produces superior crops anyway, better than the neighbor's, then better livestock health. Write for literature. For immediate solution use our "CAREFREE CONDITIONER". It changes water from toxic to more negative. No maintenance, no tanks or bottles, no electricity, salt or chemicals, no filters or cartridges. Less corrosion in water heaters, longer plumbing life, better healthier growth in greenhouses. Unconditionally guaranteed. Price ranges from \$140 to \$290 according to size.

Rock Phosphate in stables is best fertilizer dollar spent. Minerals and trace elements multiply the bacteria in manure, increase its value greatly. Makes manure rot. Higher phosphorus is needed anyway to balance the high potash in manure. Overwhelming proof. Write for testimonial literature.

A Natural Mastitis Treatment That Works

It is rich nutrition in the feed. Costs only about \$2.75 per day, 2 feedings usually knocks it out except in old prolonged cases. Even those sometimes when drugs have failed. It is **Light Force Spirulina**, an algae that grows on water. Extremely rich in vitamins, minerals, trace elements, amino acids, chlorophyll and enzymes. It supplies the missing elements. Makes cows resistant. It is double purpose - nourishing the cow and treating the cause, not just the udder or symptom. Farmers say helps improve sick cows in a few hours.

200 Tablets... \$18.95 Postpaid

Good repeat orders prove that this mastitis treatment works. We also have another excellent natural product to use in combination for very stubborn cases and sick cows. Free literature. Dealerships available for both these becoming popular products.

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Season's Greetings!

Best Wishes to all our customers and friends for a joyous Christmas and a prosperous New Year.



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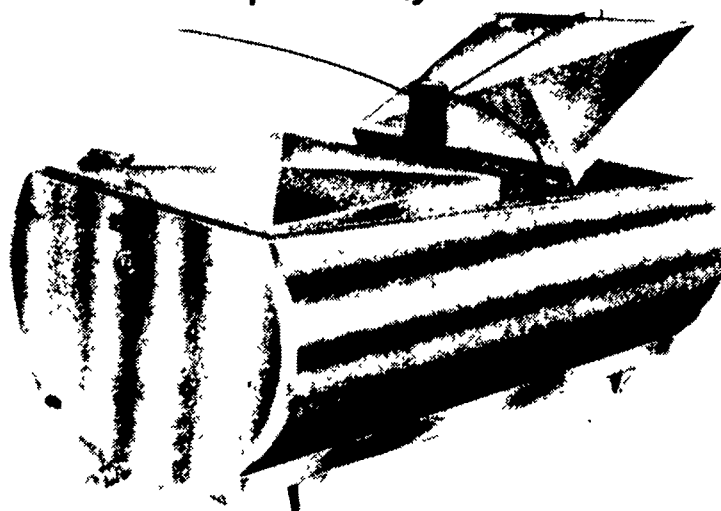
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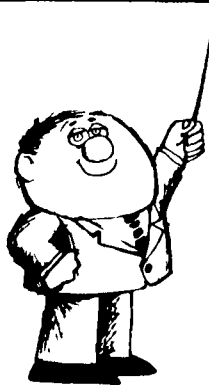


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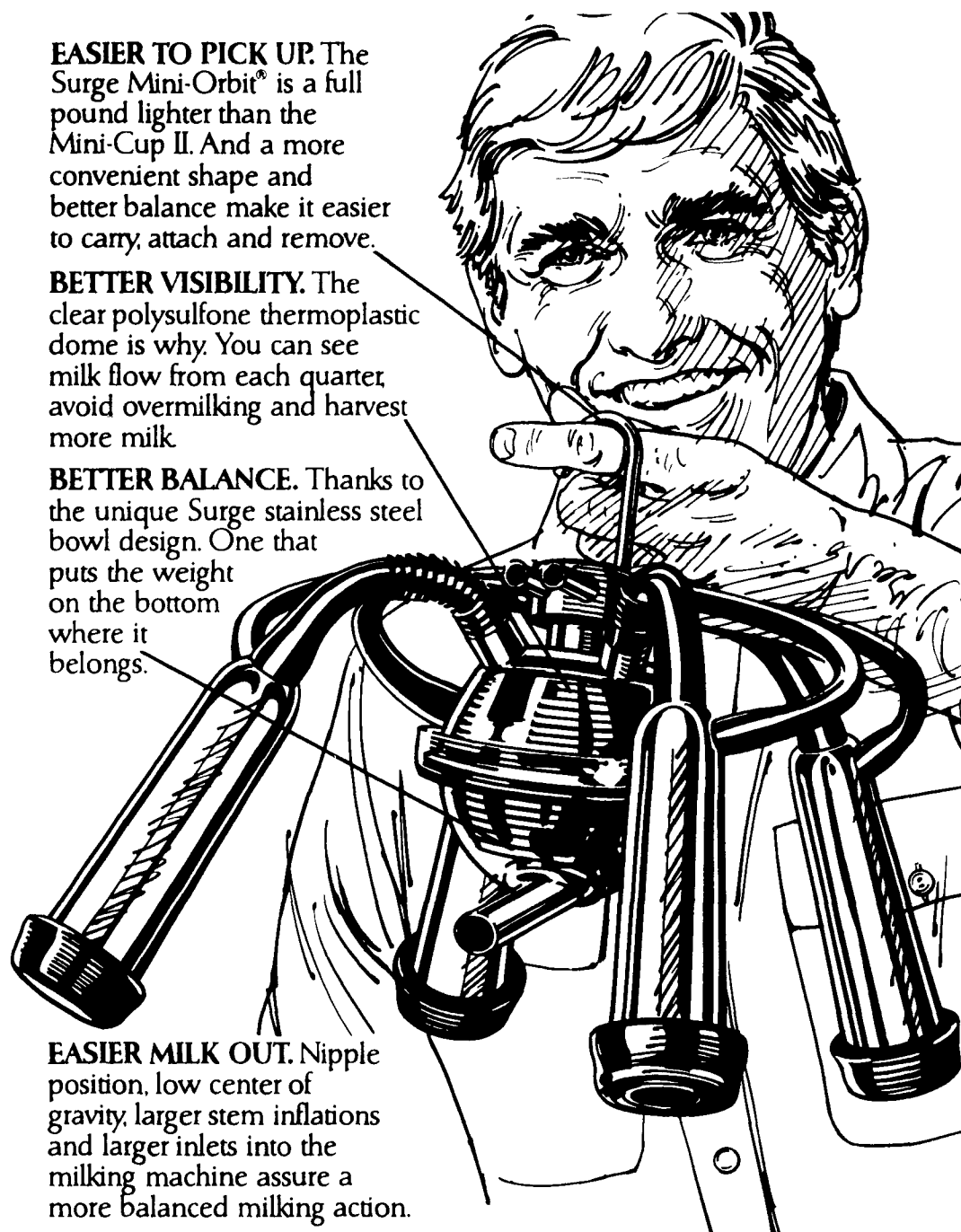
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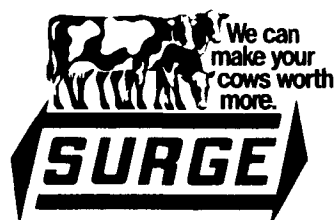
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BETTER BALANCE. Thanks to the unique Surge stainless steel bowl design. One that puts the weight on the bottom where it belongs.

EASIER MILK OUT. Nipple position, low center of gravity, larger stem inflations and larger inlets into the milking machine assure a more balanced milking action.

THE SURGE MINI-ORBIT MILKER. There's so much built into this milker it's easy to pick out features you like. Features no other claw-type milker can match. Ask your Surge Dealer about the Mini-Orbit today.

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Terraces aid soil surface run-off

LEESPORT — A terrace will provide many years of service if a few simple maintenance items are carried out, according to Tina Didyoung, conservation technician with the Soil Conservation Service.

Terraces intercept surface runoff from areas where it is in excess and carries it safely to a stable outlet to be disposed of, Didyoung said. Terraces also cut down on gully development, improve fertility and allow moisture to be absorbed into the soil for further use by the crops.

Ditches, gullies and all dead

furrows should be filled in, Didyoung said, and all obstructions such as trees and brush should be removed. Ditches or depressions at the bottom of the back slope should be filled and smoothed so that drainage will be away from the terrace and not parallel to it.

Terraces are constructed to reduce erosion by shortening the length of slope and conducting the runoff water on a nonerosive grade to a stable outlet. Terraces are one of the best mechanical erosion control practices and a good in-

vestment for the amount of moisture, soil and nutrients saved, Didyoung said.

For more information about terraces contact the Soil Conservation Service at the Berks County Agricultural Center in Bern Township.

Blue Mt. goat club elects officers

KEMPTON — The Blue Mountain Dairy Goat Association elected officers for the new year. Elected were: Nancy Miller, president; Margaret Kistler, vice president; and Lorraine Eschbach, secretary-treasurer.

Anyone wanting to learn more about dairy goats is welcome at the monthly meetings, held the second Thursday of every month starting at 7:30 p.m.

Meetings are held at Gambrinas Restaurant, located on route 309 atop the Blue Mountains. For additional information contact Lorraine Eschbach, RD #1 Box 35, Kempton, PA 19529.



The 1983 J.L. Lush Award is presented to L. Dale Van Vleck, right, of Cornell University, by Robert E. Walton, president of American Breeders Service. The award presentation, which includes the plaque and \$1,500, was made at the American Dairy Science Association annual meeting in Madison, Wisc. The award is given annually to the outstanding animal breeding researcher selected by a committee of ADSA.

Hefft appointed at Commonwealth

HARRISBURG — Commonwealth National Bank announces the appointment of Milton S. Hefft as senior agricultural lender in the bank's Agri-Loan Department. Hefft's office is at the bank's Lancaster Region headquarters, 28 Penn Square, Lancaster.

Prior to joining Commonwealth National Bank, Hefft gained farm credit and loan experience as Lancaster field representative for the Federal Land Bank of Baltimore, senior loan officer at the Lancaster Farm Credit Association, and, more recently, as branch manager of the West Central Farm Credit Association, Centre Hall, Pa.

Hefft is a 1979 graduate of Penn State, where he majored in accounting. He also is a 1975 graduate of Dallas (Pa.) Area High School.

A native of the Wilkes-Barre area, Hefft will relocate soon to the Mount Joy area with his wife, Loren.



NOEL

We gather together on
this holiest of holidays
to bring you tidings
of comfort and joy!
Thanks to all!



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What is this season? A time for family gatherings. A time for fond remembrance, happy anticipation. A time for reflection, rededication. A time for reaching out to others. A time for joy. A time for kindness. A time for love. A time for peace. Best wishes for this holiday season.



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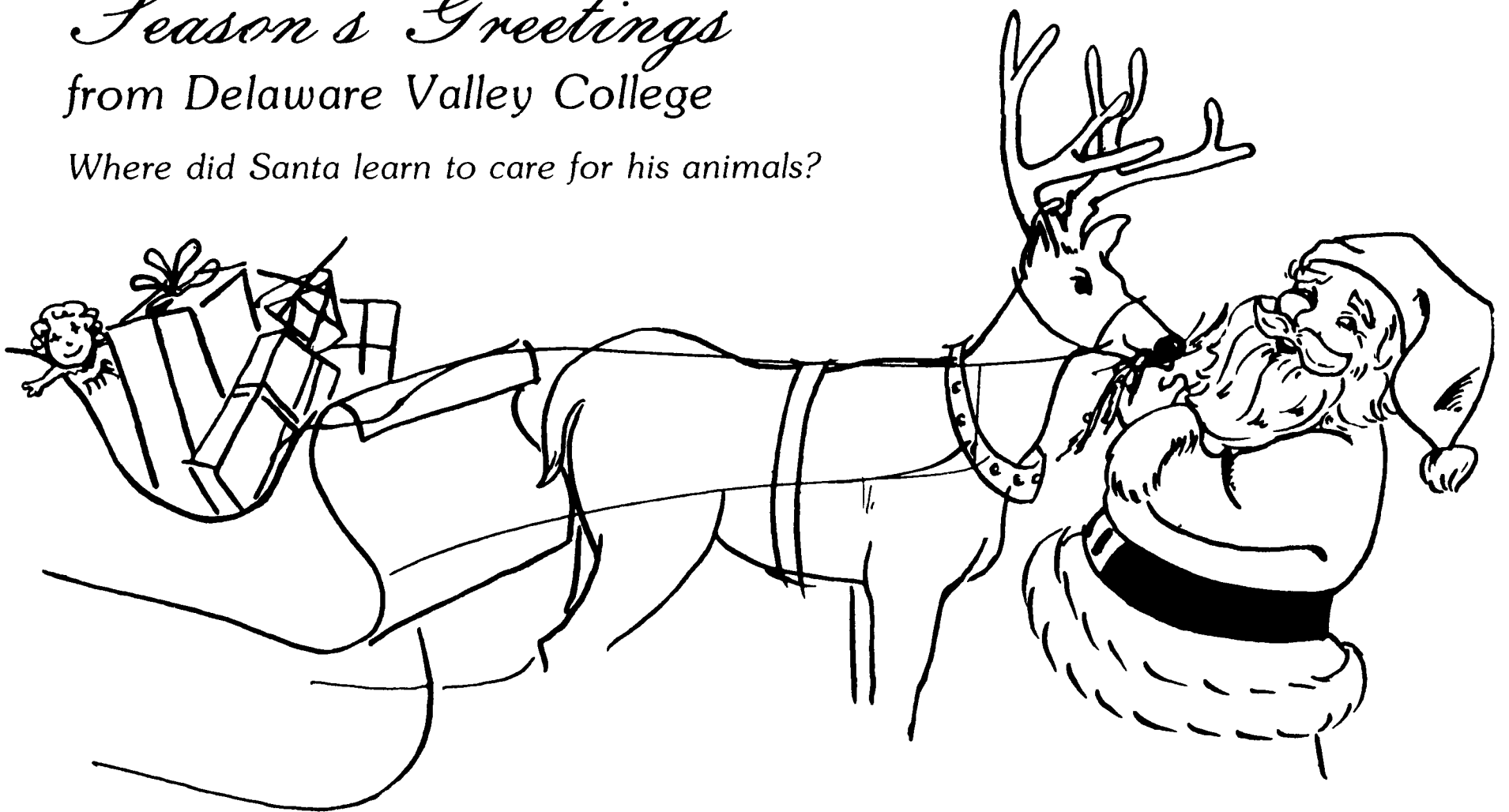
Farmland preservation - It's worth it



Corn shucks adorn a field and dairy farm near Smoketown, Lancaster County. (Photo by Laura England).

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Timber sale deadline set

WASHINGTON, D.C. — National forest timber purchases have until Feb. 15, 1984, to submit harvest schedule plans for contract extensions, under final policy adopted by the U.S. Department of Agriculture.

Secretary of Agriculture John R. Block said the President authorized him to grant five-year extensions without interest for certain national forest timber sale contracts if it was found to be in the public interest to do so.

Block said he had determined that unless this action is taken, a number of purchasers could face imminent contract default which could disrupt timber-dependent employment and economies throughout the country.

The extensions apply to timber sales primarily bid between Jan. 1, 1976, and Jan. 1, 1982. The extensions allow purchasers to mix high-bid sales with low ones to make harvesting more economical. However, to be eligible for extensions, the purchasers must submit for USDA Forest Service approval a plan to schedule harvesting of all their public timber sales over the five-year extensions.

The plans will not be approved if a disproportionate volume of national forest timber is scheduled for harvest in the last years of the plan, Block said.

Some other conditions for the extensions, Block said, are that roads must be completed withint

the first year of the five-year plan and that the purchaser will pay for any needed remarking of timber, restaking of roads or other work required because of the delay in harvesting.

An interim extension policy was published for public comment Aug. 26. Block said full consideration was given to all comments received in adopting the final policy, published in today's Federal Register.

Milk telecast set Jan. 6

HARRISBURG — The Pennsylvania Milk Marketing Board's half-hour documentary on Pennsylvania's Milk Industry will be aired on TV Channel 49/WGCB, Friday, Jan. 6, 1984 at 7 p.m.

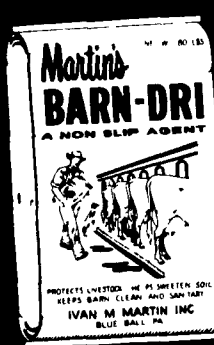
Through the eye of the camera, the viewers are taken to a commercial dairy farm where they meet the Kauffman Family of Lancaster County as they operate their 300-acre Holstein dairy farm. The Kauffman's are also involved in the State Jr. Dairy Cattle

Judging Show and the Pennsylvania Dairy Princess Pageant.

Also featured in the film are Weis Milk Plant, Sunbury, the newest and most modern dairy plant in the state, cheese making in Lancaster County, plus segments on the Milk Marketing Board's history, as well as, dairy nutrition and promotion.

Contact: Ruth O'Hanlon Kahn, Milk Marketing Board, Public Information Service, 717-787-4194 to make arrangements to use the film or video cassettes.

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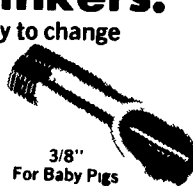
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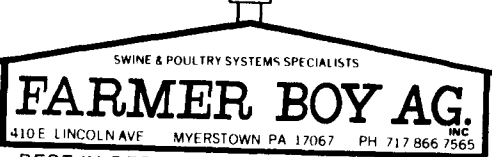
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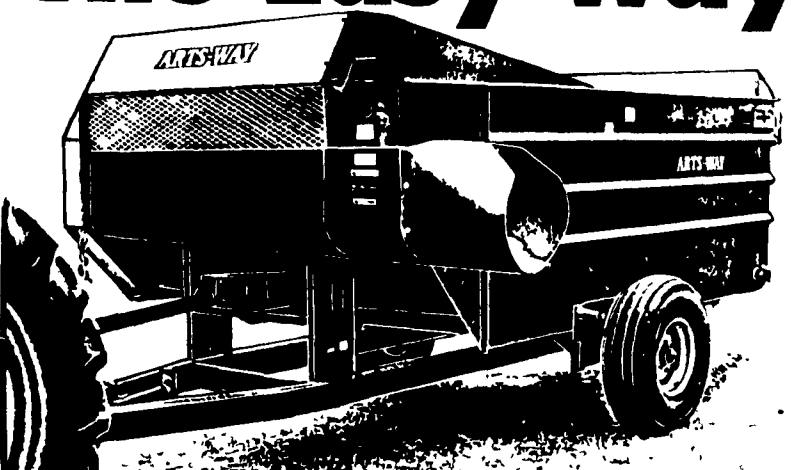
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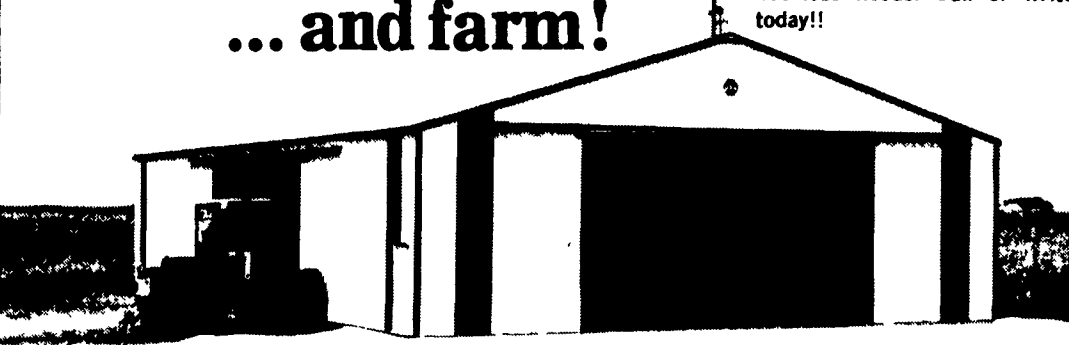
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Adams County DHIA Monthly Report

November Report

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Noel&Kehr	3	63.6	90.4	20,305	754
Penn Gate Farm	3	59.3	88.2	18,856	723
Brown Valley Farm	3	77.5	86.7	18,622	706
Stoner Bros Dairy	B3	73.9	89.8	18,993	696
Roy A Weaner Jr	3	60.9	88.0	17,958	695
Leroy Deputy	B3	130.3	87.5	17,310	689
Milton R Hoffman	3	38.6	90.6	18,154	681
Yellow-Buttercup Farm	3	127.3	89.4	17,266	670
Ray Dutterer	G3	68.3	88.1	17,972	668
Kling Ayr Farms	3	35.9	84.6	17,397	650
Wayne H Rodgers	B3	84.6	85.4	16,847	648
Kehr Acres	3	71.8	88.7	17,426	643
El Rho Farm	3	56.2	84.5	16,563	634
Lagging Stream Farm	B3	117.1	83.2	16,023	630
MJ Starner&Sons	B3	135.0	86.9	15,961	630
Weim Sharr Farms	3	57.9	84.9	17,058	627
Donald Todd	B3	51.9	87.9	16,974	622
Buttonwood Farms	3	129.9	88.4	16,493	615
George I Lauchman	B8	35.0	84.3	17,515	614
Claude Holmes Jr	3	60.6	83.6	16,468	613
Robert&Linda Meyers	B3	80.9	88.6	16,464	612
Claude Holmes Jr	3	61.5	82.9	16,501	609
Penmar Farms	3	58.1	82.9	16,416	607
WM Jr&Raiana Mearns	B3	88.4	85.2	15,999	602
Adam Filobaugh	3	43.2	85.8	16,787	600
Piney Lane Guernseys	B2	57.0	86.0	12,342	599
Rinker Bros	G3	43.8	81.0	15,747	593
Way Brite Farms	B3	130.2	87.3	15,820	591
John J Hess	B3	120.7	87.9	15,659	590
Kraybill Miller	B3	42.7	84.5	15,357	587
Roger L Sprague	B3	54.9	85.1	15,563	585
Eugene Witter	B3	74.3	87.7	15,434	583
Richard K Herr	B3	103.5	83.9	16,256	578
Zeppdale Farms	B3	108.5	89.4	16,335	574
Leroy Basehoar	B3	63.6	83.2	14,743	572
Robel Acres	3	76.5	88.4	15,759	567
Home Side Acres	B3	47.2	81.0	14,691	567
Oscar E Mehrling	B3	31.0	85.3	15,303	566
Stone Manor Dairy	3	43.6	84.1	15,128	565
Larry Holtzinger	B3	42.2	87.0	15,164	565
Grove Bros	B3	79.8	83.8	16,204	563
Knud A Hermansen	G3	100.1	87.2	15,806	545
Getty Acres	B3	178.3	81.4	15,292	539

James E Miller	B2	37.1	82.4	11,286	539
Shamrock Farm	B3	58.0	83.6	14,202	539
Richard Mills	B3	52.8	87.1	12,991	537
J Howard Stiles	4	43.4	84.7	10,651	537
Rhodes Enterprises	B3	95.2	85.9	13,782	534
Guy Tanger	3	32.4	83.9	14,562	533
Ber Crk	3	66.1	85.9	14,063	531
MR&CS Durboraw	B3	59.9	87.0	13,919	528
WM Inskip	B3	59.8	87.0	14,407	521
GRN Manor Guernseys	2	20.5	84.1	10,618	513
Kevin S Holtzinger	B3	228.4	85.2	13,863	510
Green Manor Jerseys	4	47.6	89.6	10,043	509
Donald F Crabbs	B3	24.6	89.2	14,841	509
Frank Ludwig	B3	36.7	85.3	13,946	509
H&W Farms	B3	60.2	85.5	12,962	500
Bowlder Valley	B3	58.0	87.1	13,189	496
Pleasant Acres	B3	55.2	87.0	12,631	492
Glenn&Janet Lippy	B3	114.8	90.5	12,635	489
Pennstead Farm	3	39.9	89.2	12,923	486
Robert L Rohrbaugh	B8	65.9	83.1	14,028	483
C H T J Barnett	4	34.4	89.4	9,876	477
MJ Roche	B3	32.9	90.1	12,392	457
Terrence P Murren	B2	33.1	82.2	9,497	450
Robert C Hoffman	B3	27.1	84.3	11,237	429
James C Behney	B3	48.3	86.5	11,391	396

NOVEMBER Honor Roll Lactations (All complete lactations of 650 lbs. fat or more)

OWNER	NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Noel&Kehr	Alpha	3	7-9	305	24,522	3.2	789
	Aida	3	2-2	305	17,996	3.8	692
	Babe	3	2-2	305	16,414	4.0	658
Stoner Bros Dairy	Zip	3	7-0	287	23,381	3.0	699
	3	3	5-3	294	14,876	4.8	715
	78	3	4-1	300	18,152	4.0	733
Brown Valley Farm	Virgini	3	7-4	305	24,894	3.4	834
	Alma	3	3-5	302	24,277	3.5	847
	A-Cake	3	3-5	305	22,501	3.9	875
Penn Gate Farm	12	3	8-8	305	24,159	3.7	892
	Happy	3	6-0	301	19,365	3.5	680
Adam F Lobaugh	Edith	3	7-2	305	21,302	3.4	726
	Olga	3	4-10	305	21,650	3.3	720
Piney Lane Guernseys	Patsy	2	5-7	305	15,257	4.8	727
	Patty	2	3-9	305	13,614	5.4	729
	Lillian	2	1-11	305	16,142	4.8	774
MR&CS Durboraw	13C	3	5-8	298	15,850	4.1	652
	48C	3	4-1	305	14,869	4.4	657
MF Starner&Sons	83	3	6-4	305	19,587	3.7	726
	254Bs	3	3-1	271	15,531	4.6	719
	191	3	2-0	305	20,020	3.6	720
Frank Ludwig	Kit174	3	4-10	305	17,894	4.1	734
Leroy Basehoar	37	3	13-1	305	19,318	3.7	718
	68	3	3-11	305	23,068	4.1	954

Lancaster Farming, Saturday, December 24, 1983-D27

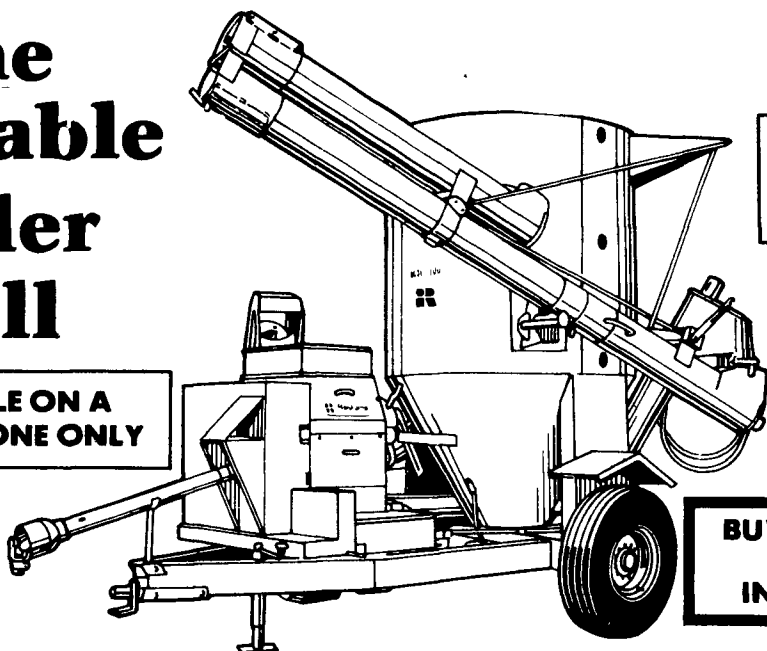
Donna Todd						
Lina	3	7-1	305	18,847	3.9	742
48	3	4-5	305	20,093	3.5	713
Kraybill Miller						
Marian	3	7-9	305	21,544	3.5	752
Sherry	3	7-9	295	20,232	3.9	785
Susan	3	4-3	305	18,195	3.8	693
Buttonwood Farms						
Kerry	3	7-8	305	18,351	3.7	688
Weda	3	6-6	267	18,924	3.9	740
Evelyn	3	4-6	305	20,466	3.4	686
Gail	3	3-6	305	17,350	3.7	647
Charm	3	3-0	305	15,887	4.7	744
John J Hess						
64	3	5-10	305	21,026	4.0	841
33	3	4-5	305	16,484	4.2	697
Wm Inskip						
40	3	5-9	305	20,295	3.9	790
103	3	3-1	305	22,183	3.2	699
Glenn&Janet Lippy						
Joanie	3	4-10	305	19,312	3.8	740
Ray Dutterer						
Liz	3	7-5	305	22,082	3.5	770
Jill	3	5-10	274	18,505	3.8	705
Star	3	5-1	283	19,050	3.8	718
Megan	3	4-6	305	20,933	3.9	807
109	3	3-6	305	17,913	4.1	742
110	3	3-8	305	19,332	4.2	813
Shamrock Farm						
35	3	6-1	305	20,645	3.8	789
Wayne H Rodgers						
Flo	3	7-6	302	19,950	4.0	796
Coleen	3	7-0	305	22,608	3.8	864
22	3	5-9	305	14,230	4.8	677
71	3	3-6	305	19,298	3.8	732
Roger L Sprague						
Chasity	3	6-4	305	21,554	3.5	754
Dandy	3	5-0	305	18,612	4.3	792
Motley	3	3-6	305	16,927	3.8	650
Weim Sharr Farms						
45	3	8-10	305	22,056	3.6	797
32	3	5-5	301	21,421	3.2	682
WM JR&Raiana Mearns						
05	3	9-2	305	19,036	3.9	742
71	3	5-9	305	21,001	4.1	854
74	3	5-9	297	20,218	3.3	668
Grove Bros						
31	3	5-0	293	25,426	3.1	781
40	3	4-4	305	19,819	3.4	680
35	3	4-4	305	20,441	3.2	650
65	3	3-3	305	18,692	3.5	662
Eugene Witter						
Barbie	3	7-5	305	19,242	3.8	727
Way Brite Farms						
G51	3	5-7	305	18,631	3.7	693
5	3	5-6	305	19,496	4.5	870
G17	2	4-7	305	15,896	4.2	662
96	3	3-6	305	18,137	3.9	715
G42	3	3-6	305	15,033	4.7	714
48	3	3-2	305	16,006	4.3	693
Oscar E Mehrling						
Christi	3	0-0	305	15,988	4.6	730

(Turn to Page D28)

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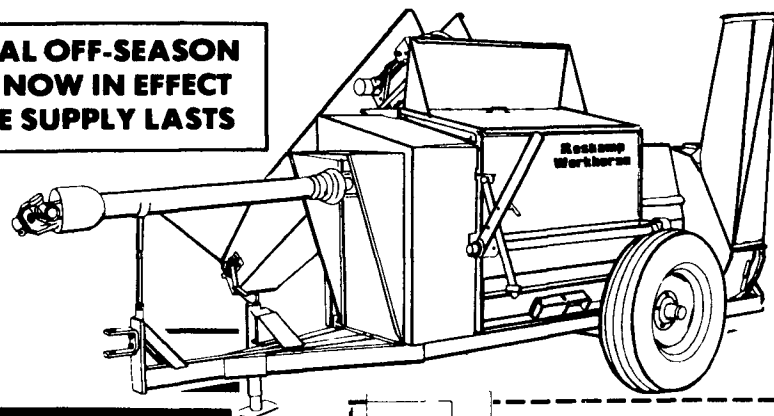
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(Continued from Page D27)

Holly	3	6-0	305	18,614	4 0	743
Comet	3	5-0	305	19,630	4 2	818
Leroy Deputy						
Dots	3	6-11	305	19,339	4 3	827
Dustin	3	7-7	305	22,723	3 8	873
Sugar	3	6-5	305	18,938	4 2	795
Bopeep	3	5-4	305	18,192	4 4	795
Curly	3	5-4	305	18,138	4 6	834
Rinker Bros						
Penny	3	3-3	305	22,963	3 3	747
Getty Acres						
326	3	4-2	299	17,309	3 8	651
Zeppdale Farms						
136	3	4-2	296	20,080	3 5	697
137	3	4-2	305	19,903	3 7	736
Rhodes Enterprises						
41	3	5-11	305	18,601	3 8	699
110	3	6-2	305	16,277	4 1	664
3	3	4-8	305	19,185	3 5	668
102	3	4-0	305	22,799	3 8	860
Ber Cek						
Marie	3	4-10	305	19,553	3 7	727
H&W Farms						
11	3	7-6	305	14,688	4 7	686
15	3	4-1	305	16,770	4 0	663
George I Lauchman						
Paula	3	6-10	305	22,144	3 6	798
Bowlder Valley						
33	3	6-5	305	19,093	3 5	669
Home Side Acres						
Peanut	3	8 10	305	15,959	4 1	658
Milton R Hoffman						
36	3	3-2	305	18,607	3 6	675
41	3	3-4	305	20,466	3 4	686
Claude Holmes Jr						
Maze	3	4-9	305	18,554	3 8	714
Duchess	3	3-4	305	19,218	4 3	820
Richard K Herr						
71	3	6-2	293	17,656	3 9	687
23	3	4-4	305	22,127	4 1	911
193	3	3-1	297	17,583	3 7	657



Juniata County DHIA Monthly Report

November, 1983

The ten highest Rolling Herd Averages for the most recent 12 months of production are

NAME	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Mark L Zook	52H	89 1	19,879	751
James C Graham	32H	83 6	19,435	746
W Harshbarger & Sons	42H	89 4	18,545	739
Harold B Shearer	39H	84 6	19,253	736
Barry E Lucas	39H	83 8	18,508	728
J William Peoples	31H	91 7	18,850	728
Larry & David Noss	61H	86 8	19,408	727
Kenneth P Deamer	53H	87 7	19,308	711
Russell J Dressler	36H	84 3	17,666	710
Rick & Ralph Saner	49H	86 7	18,737	702

Three hundred eighty nine cows completed records of 305 days or less. One of these cows produced over 1000 lbs of butterfat, 9 produced over 900 lbs, 26 produced over 800

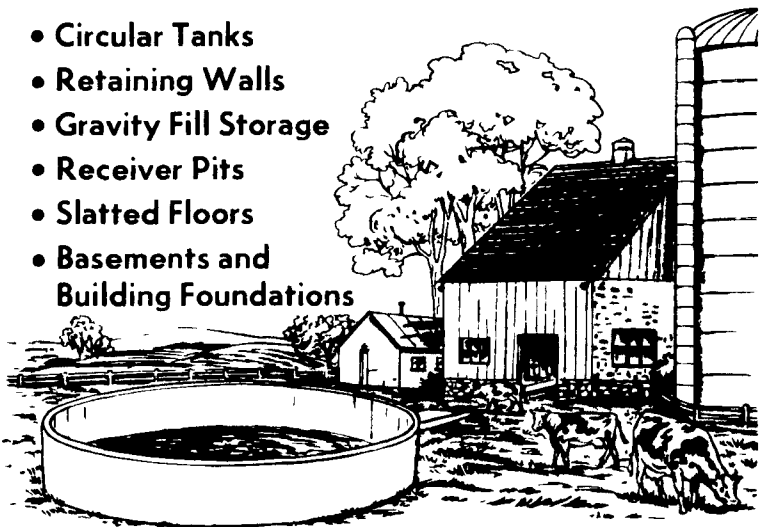
lbs, 57 produced over 700 lbs, 69 produced over 600 lbs, and 86 produced over 500 lbs

The fifteen high cows are listed below. The owner's name and cow's name, pounds milk and pounds butterfat are given in order

J William Peoples		
Cora	26,703	1042
Larry & Davie Noss		
20	24,463	980
Mark L Zook		
Imperia	22,751	974
Russell J Dressler		
Donna	20,489	970
Freeburn & Norman Love		
197	21,238	954
Chet Adams		
205	24,973	949
Luther C Maben		
16	24 932	939
James D Wagner		
18	22,032	919
60	23,663	892
Grand Hope Farm		
Lucille	20,630	910
Glen B Simonton		
9 Neva	25,857	906
Rick & Ralph Saner		
Sunshin	21,500	892
George M Stewart		
4	21,585	887
Rodney & Brenda Conrad		
64	21,615	886
Booklane Farm		
Lulu	23 928	879

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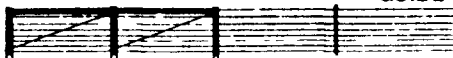
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Monthly
Report

October, 1983

DHIA Report for Montour, Northumberland, Snyder, and Union for the month of October 1983
ROLLING HERD AVERAGE ABOVE 650 LBS. FAT

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Montour					
Carl R Slater&S	RH	34 6	86 5	20,247	745
PA Dept of Agri	R&GrH	114 6	85 0	18,546	707
Lundy Brothers	RH	36 9	85 5	17,948	687
Mar-Ja Farm	RH	143 9	90 3	16,502	656
Earl W Harris	RH	59 4	82 9	18,960	655
Northumberland					
Truckenmiller Fm	R&GrH	63 6	89 0	19,412	736
Irvin Reynolds	R&GrH	81 4	85 9	20,109	698

Snyder					
HL Narehood&S	R&GrH	57 6	89 1	18 606	742
G&B Carper	R&GrH	55 3	87 9	19,023	730
Harold Hassinger	RH	41 4	89 2	17 926	714
Rand A Hoffman	R&GrH	31 2	79 3	19 769	709
Robert Ulmer&S	R&GrH	62 4	87 9	19 045	706
Elmer&Dav Apple	R&GrH	58 7	89 2	17,806	693
Urie&Dan Yoder	RH	52 9	89 2	18,224	669
W Paul Womer	R&GrH	34 1	86 2	18,329	665
Ivan&Mar Wenger	R&GrH	50 6	85 1	16,562	658
Union					
Clarence W Beiler	RH	63 8	89 1	20,345	653
Locust-Row-Farm	R&GrH	44 6	90 6	18,689	720
Amos J Zook	R&GrH	50 7	87 0	19,215	711
John F Stoltzfus	R&GrH	49 2	87 7	19,605	700
Eugene Spangler	R&GrH	74 4	89 9	17,024	685
Jonas E Zeiset	R&GrH	41 5	90 1	20 056	685
Wood Ann Farm Inc	R&GrH	31 2	87 5	18,656	683
Elam Beiler	RH	42 7	90 2	16,508	680
Ben S Yoder	R&GrH	37 6	84 7	18,419	666

LACTATIONS FINISHED OVER 750 LBS. BUTTERFAT

OWNER NAME OR NUMBER	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Montour					
PA Dept of Agriculture	5-1	305	24,207	3 5	814
232	4-11	305	24,246	3 7	889
240	4-5	305	22,262	3 4	754
278	4-2	305	25,963	3 9	1020
231	7 1	305	22,553	3 7	824
P-612					
Northumberland					
Ralph Kitchen	6-7	305	20,970	3 7	773
Pam					

Lundy Brothers					
Josie	3 4	296	16,409	4 7	774
Mar Ja Farm	6-7	305	19,771	4 1	814
Twigg	6 7	305	21,872	3 9	850
April	4 2	305	21,845	3 5	762
Presto	4 0	305	24,698	3 5	861
Cindy2	3 4	305	19,802	4 0	791
Dorcus					
Northumberland					
Jerry Smith	5 2	300	22,874	3 4	774
Jen					
Truckenmiller Farms					
20	7-1	301	26,314	3 2	836
63	4 4	305	24,398	4 1	1002
Paul Wolfe&Sons					
57	7 1	305	16,841	4 5	759
Ernest L Wolfe					
Rhonda	4-0	286	25,798	3 1	796
Liz	3 11	305	23,846	3 5	838
Park Buckwalter&Sons					
None	7 8	305	27,749	3 3	913
Emily	7 4	304	20,623	4 0	826
Bandit	5 1	293	25,121	3 4	864
Marlene	3-2	305	21 959	3 8	824
Mahlon L Warfel					
47	6-0	305	18,037	4 2	764
John Bomberger&Sons					
36	6 0	305	21,049	3 9	822
60	5-6	305	20,456	4 0	811
115	5 5	305	27,568	3 3	919
304	3 3	305	25,075	3 1	781
371	3-4	305	21,053	3 6	758
107	5 3	305	29,773	3 5	1034
Shoch Manor Farms					
67	5 1	305	24,946	3 2	807
284	7 2	279	17,622	4 4	770

(Turn to Page D30)

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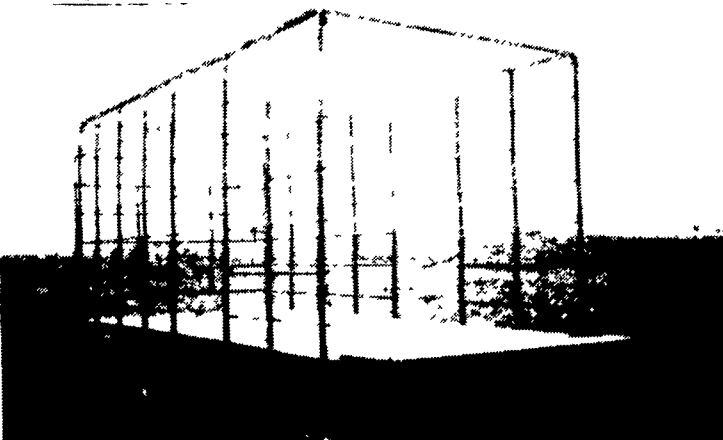
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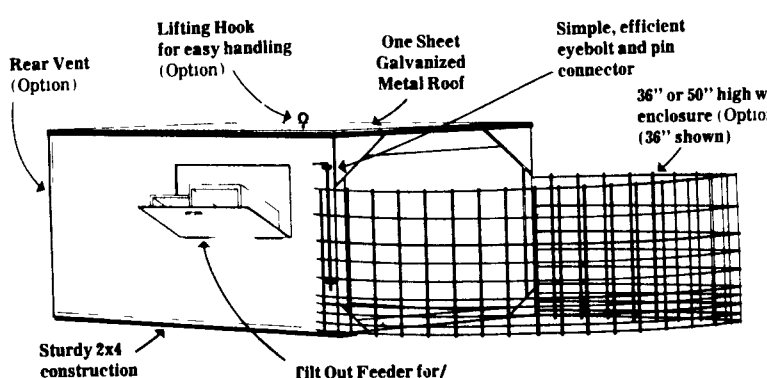
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Upper Susquehanna DHIA

(Continued from Page D29)

Snyder					
CC Fisher & Son					
Tiger 16	5-10	305	19,703	4 0	792
Leire Fry & Sons					
Lettuce	5-11	305	21,828	4 0	872
Kenneth Alderfer					
Lisa	9 3	305	23,307	3 8	889
Mildred	6-9	305	25,480	3 8	978
John & Margaret Shirey					
May 46	8-9	305	24,909	3 7	926
Glori 79	6-1	305	21,423	3 6	769
Harold S Hassinger					
126	7-3	305	20,726	3 6	753
142	5-9	305	22,298	3 6	800
Dale Hornberger					
40	3-3	305	20,052	4 1	825
Glenn & Barb Carper					
Joy 60	9-9	305	21,089	3 7	787
Joyoc 86	7-8	305	22,734	3 8	861
Rosa 34	6-8	305	19,872	4 0	802
Lott 32	3-10	305	21,107	3 7	785
Nevin C Hoover					
Lonnie	5-7	282	20,162	3 8	776
Union					
Eugene Spangler					
Pet	4-11	287	17,010	4 5	762
Clarence W Beiler					
Beth	7-10	285	21,242	3 8	813
Shelby	3-2	305	25,045	3 7	927
Tory	3-0	305	22,956	4 4	1008
Amos J Zook					
Molly	7-1	305	23,414	3 8	879
Gay	4-10	305	23,159	3 5	815
Mary	5-0	305	23,950	4 0	962
Mark M Wehr					
68	6-3	305	23,145	3 5	799
29	3-9	305	23,721	3 8	902

Chris S Stoltzfus	4-9	301	21,119	4 1	862
Lindy					
Epler Bros					
Beat	8 10	305	20,281	3 7	755
Dip N Hill Farm					
Clover	4-4	305	22,187	3 6	797
Ridge Creek Farm					
Maggie	5-2	305	23,262	3 6	847

CLINTON COUNTY DHIA October, 1983

LOCK HAVEN — Paul L. Courter led the Clinton County Dairy Herd Improvement Association for October. Courter's top herd of Registered Holsteins completed the month with a Rolling Herd Average of 17,600 pounds of milk per cow, yielding 669 pounds of butterfat. Other top herds were: Terry & Deb Dickey, 17,445 pounds of milk, 667 pounds of butterfat; Anthony & Caroline Graine, 18,970 pounds of milk, 646 pounds of butterfat; Blair & Elaine Courter, 17,780 pounds of milk, 640 pounds of butterfat; Harold Muthler, 16,102 pounds of milk, 632 pounds of butterfat; Keith L. Stein, 17,490 pounds of milk, 605 pounds of butterfat; J. Henry Stoltzfus, 17,289 pounds of milk, 601 pounds of butterfat.

The cow completing the highest lactation of 305 days or less was Ace, a 5-year-old Holstein owned by Ward & Keith Carson. Ace produced 22,528 pounds of milk testing at 3.6 percent, yielding 819 pounds of butterfat in 299 days. Other top producing cows were: Twinkle, owned by Terry & Deb Dickey, 18,083 pounds of milk, 4.5 percent, 811 pounds of butterfat; Fry, owned by Anthony & Caroline Graine, 23,700 pounds of milk, 3.4 percent, 802 pounds of butterfat; #114, owned by Ronald H. Meyer, 20,891 pounds of milk, 3.6 percent, 748 pounds of butterfat; #27, owned by Ronald H. Meyer, 24,089 pounds of milk, 3.0 percent, 716 pounds of butterfat; Katie, owned by James C. Muthler, 21,265 pounds of milk, 3.3 percent, 708 pounds of butterfat; Patches, owned by Leslie B. Irvin, 21,984 pounds of milk, 3.2 percent, 707 pounds of butterfat.

MIFFLIN COUNTY DHIA Annual Report Individual Herd Records

E Clair Fisher	RH	49.1	18,654	725
Percy S & R Glenn Yoder	RH	82.0	19,140	715
Moses J Zook	RH	49.7	18,709	704
Bradstead Farm	RH	37.0	18,711	703
Mark S Yoder	RH	83.5	18,228	703
Joshua D Yoder	RH	51.6	18,669	701
John A Peachey	R & GrH	55.4	19,946	699
Sylvanus S Peachey	R & GrH	89.1	19,244	696
Fred C Myers	RH	23.2	16,699	694
David T Hostetler	R & GrH	34.1	18,366	692
Merle E Yoder	R & GrH	35.8	18,543	683
John M Byler Jr	R & GrH	39.0	18,799	683
G Sheldon Peachey	RH	42.2	18,556	666
John L King	RH	46.8	17,255	666
Paul H Yoder	R & GrH	53.5	18,005	665
James L Hostetler	RH	44.6	17,111	662
Robert Stayrook	RH	28.1	16,733	654
Frank J Hartzler	R & GrH	49.0	17,541	651
Marvin E Peachey	RH	53.4	17,397	650

SCHUYLKILL COUNTY DHIA October Report

Carl A Farms	64.1	21,205	832
Paul & Ken Wagner	58.1	20,686	756
Miller & Rex, Inc.	33.9	18,376	711
Brian Ruch	27.4	18,118	707
Heisler Brothers	67.9	18,776	705
Suntrail Dairy Farm	47.8	18,860	696
Bruce Leatherman	80.7	19,550	676
Raymond Reichwein	36.2	17,608	673
James Rodichok	62.4	17,560	673
Jere Gearhart	37.7	17,148	666
Snyder Brothers	73.5	18,355	664
Elam Z Stoltzfus	42.1	18,835	659
William R Daubert	100.5	15,586	654

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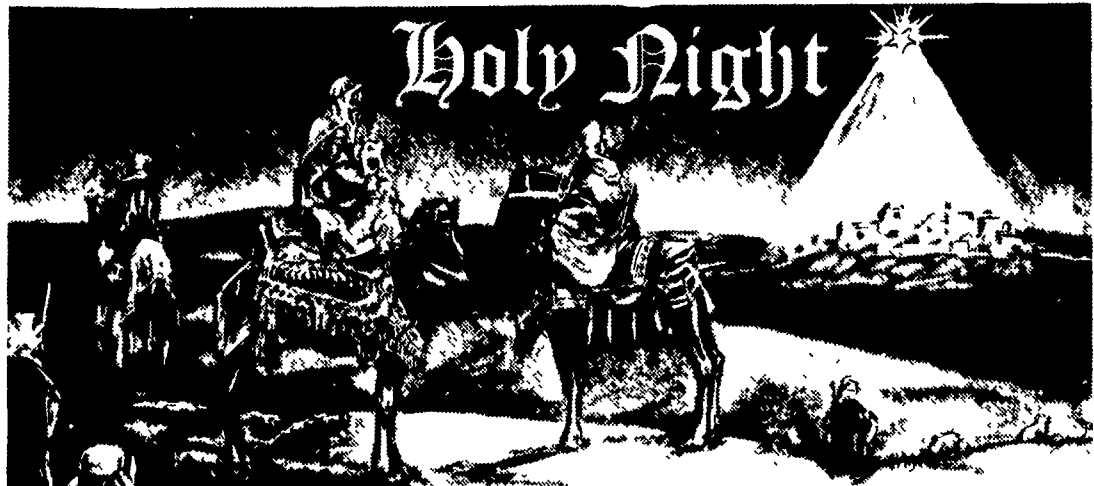


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Lancaster Farming
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Holy Night



Each year at Christmas, the sacred story of
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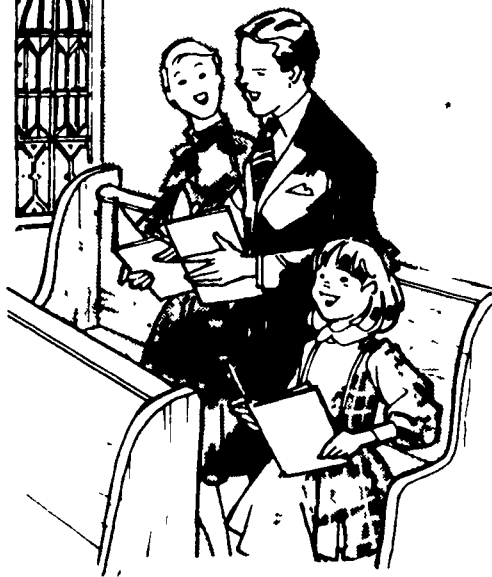
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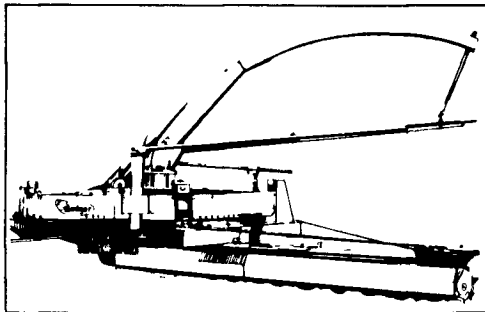
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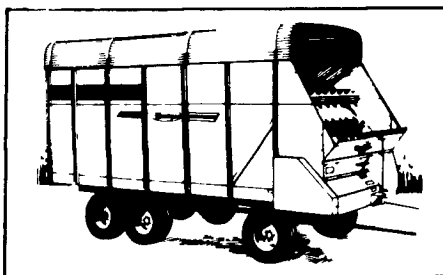
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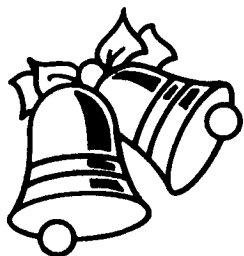
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Results reported from Agway's Integrated Crop Management

SYRACUSE, N.Y. — At an average of only about 40 bushels per acre, wheat yields haven't kept pace with yield gains of other crops produced in the Northeast for the past 20 years. However, research is providing the necessary inputs to increase yields up to 100 bushels per acre, says Dr. David J. Pieczarka, plant pathologist for Agway.

To develop an Integrated Crop Management (ICM) program for high yields, Agway is emphasizing fertilization, pest and lodging control, variety selection, seedbed preparation and other yield-improving management practices. Their goal is to create an efficient, practical management program that helps farmers realize maximum profits from inputs.

Increased levels of soil fertility is a key starting point in the program. Nitrogen applications at 1½ to two times the standard rates are showing the most potential toward increasing yields. However, these high nitrogen levels may enhance the development of yield-limiting diseases and lodging caused from increased foliage density and plant height. New management tools now combat the negative effects of high fertility, allowing higher yields.

Powdery mildew and rust are two important wheat diseases in the Northeast, says Pieczarka. In 1983, a new systemic fungicide called Bayleton was labeled for control of both diseases in wheat. Depending on when the diseases appear, Bayleton is applied in one four-ounce, or two two-ounce applications.

Lodging in high-fertility wheat can be controlled by a plant growth

regulator called Cerone ethephon. Cerone regulates plant height and strengthens the wheat stems, making the stand more resistant to lodging and easier to harvest, says Pieczarka. Reduced lodging speeds combining time and increases grain and straw yield compared to situations where lodging is a problem.

"Application timing of Cerone is critical, and our research trials show that one application at

growth stages eight to nine (just before the boot stage) provides good lodging control in a high fertility program," he adds. Make sure the spray boom is high enough for uniform coverage of the foliage, or uneven growth will result.

1982-83 results

In 1982, Agway field tested its new ICM program with 12 farmers who each set aside 20 acres. It included high nitrogen levels and

Cerone, and Bayleton when needed.

Yields varied, depending on location, soil type, varieties and nitrogen leaching due to rainfall, says Pieczarka. In one New Jersey trial on sandy soil, control of a powdery mildew outbreak boosted yields by 17 bushels per acre where 100 pounds of nitrogen per acre was used.

When Bayleton was applied with 160 pounds of nitrogen, the yield

was increased by 25 bushels per acre over the section of field receiving standard fertilizer rates and no disease control.

In a similar Pennsylvania test, high fertility disease and lodging control helped achieve a 70-bushel-per-acre yield. Lodging was severe in the portion of the field not sprayed with Cerone plant regulator. Where Cerone was applied, there was no lodging,

(Turn to Page D33)

Brand New 400 SERIES Bobcat



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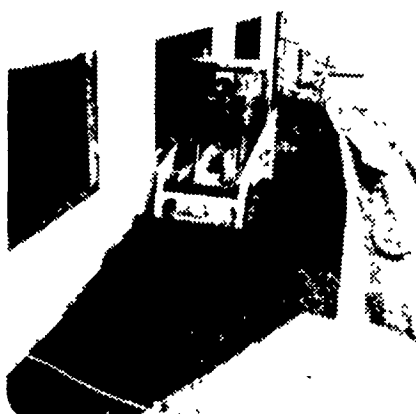
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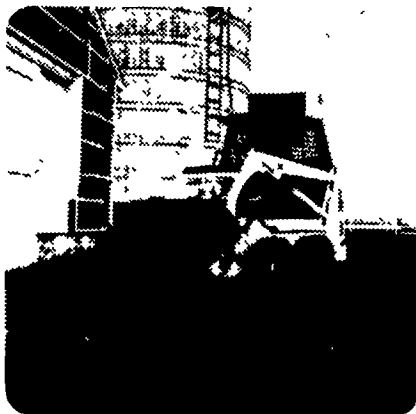
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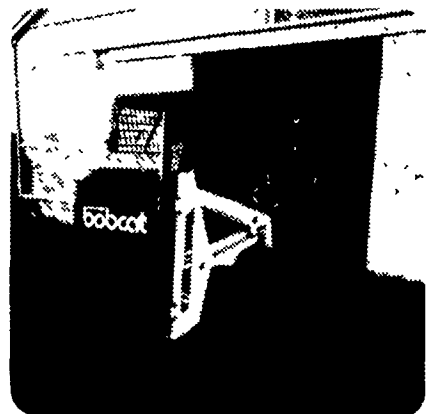
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JAMES E. NOLL GRAIN

Crop Management

(Continued from Page D32)

resulting in quicker harvest and an increased straw yield, says Pieczarka.

In 1983, Agway salesmen and crop specialists worked with more than 100 farmers to test the high-yield wheat management program. High fertility was the initial step, using Cerone ethephon for lodging control, and Bayleton when necessary for disease control.

In many cases, the nitrogen topdressing was split into two applications rather than a single topdress application as in 1982. The split approach allows feeding the crop when it needs the nitrogen most, and is valuable in years when heavy rains occur after the early topdressing, says Pieczarka.

Overall, the best yield improvements were achieved with spring-applied nitrogen rates over 120 pounds per acre. Tyler, Titan and Hart varieties responded well to the high-yield management techniques, producing some of the highest yields.

Farmers in the 1983 program

produced wheat yields up to 85 bushels per acre, despite the wet spring and dry summer conditions, says Pieczarka. Although less than half of the cooperating farmers achieved yields of 80-plus bushels per acre, many cooperating farmers increased their yields by 15 to 25 bushels per acre by using the ICM program instead of their standard program.

One grower reports

Ernie Kuster, Ringoes, N.J., participated in Agway's 1983 ICM program. "I've been aware of the 100-bushel-per-acre wheat being produced in Europe," he says, "I've been talking to university researchers and Agway for three to four years, wanting help in devising a high-yield wheat program."

His 1983 program included increased nitrogen levels, Bayleton and Cerone. The Titan wheat was planted at a 130-pounds-per-acre rate on six-inch centers. The nitrogen, fungicide and growth regulator all were applied at the flag leaf stage.

Two nitrogen levels were tested.



Test plots illustrate the difference between wheat treated with the growth regulator Cerone, on the right, and the untreated wheat on the left. The anti-lodging agent is designed to shorten and strengthen the wheat stems under heavier fertility programs.

One-hundred pounds of nitrogen per acre helped produce 85 bushels per acre, while 200 pounds only help produce 50 bushels of wheat. "It was burnt," says Kuster, "and was the worst wheat I had. But," he stresses, "it was still standing — producing lots of straw but no grain."

A third field of wheat received heavy applications of manure the previous fall, but wasn't treated with Cerone ethephon, and lodged. "If it had rained, I couldn't have harvested it," says Kuster.

Kuster says he's excited about using Cerone as an anti-lodging tool. Cerone is available to farmers at present under an experimental use permit. Full registration is anticipated during 1984.

"Before, we relied on squirrels' nests — little patches of lodged

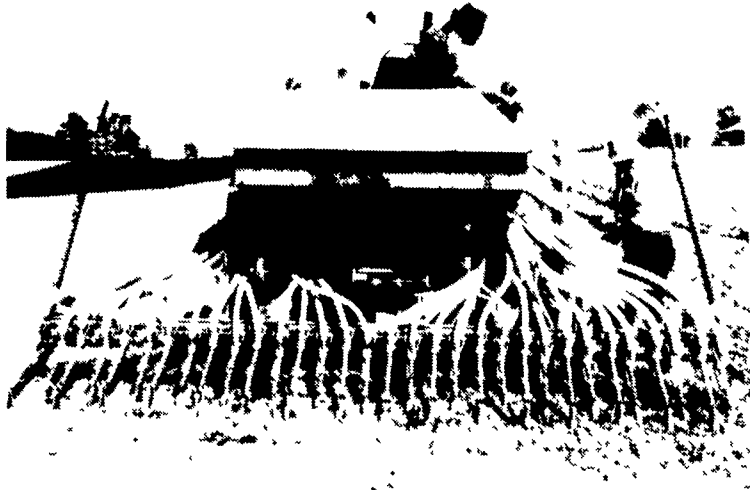
wheat — to judge nitrogen levels. With the nests, I knew when the most economical point of fertilization had been reached.

"With today's wheat varieties, a grower needs a growth regulator to increase yields by 30 to 40 percent," says Kuster. "It helps wheat stand up under increased nitrogen levels." The wheat treated with Cerone was about six inches shorter than the other wheat, but produced more straw as a result of more efficient combining.

He says that the ICM program helped increase his wheat yield by at least 35 bushels per acre in 1983. In 1984, he is "taking a hard look at varieties that will stand high and respond well to intensive management."

He will test Cerone and Bayleton

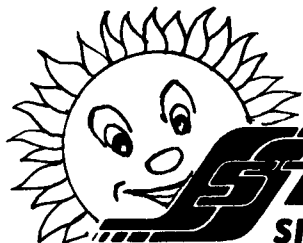
again, using "a minimum of 100 pounds of nitrogen per acre." His ICM fertility program includes 500 pounds of 3-9-12 in the fall, and 300 pounds of 14-7-7 in the spring, followed by an additional 50 to 60 pounds of nitrogen. "This program has 40 pounds more nitrogen per acre than my standard program," says Kuster. "We're still experimenting — looking for the most economical rate of return on nitrogen."



Fertilization, pest and lodging control, variety selection and seedbed preparation are a few of the yield-improving management practices Agway emphasizes in its Integrated Crop Management program.

A TOTALLY MIXED RATION

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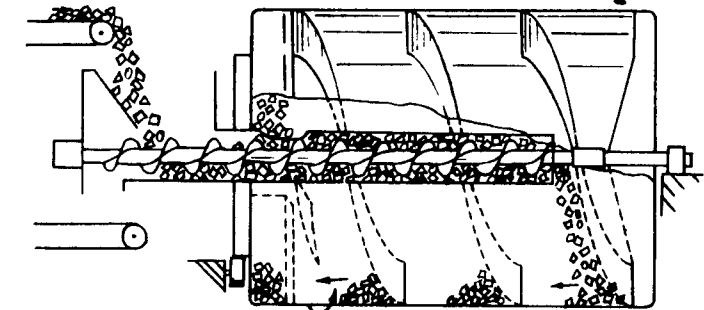


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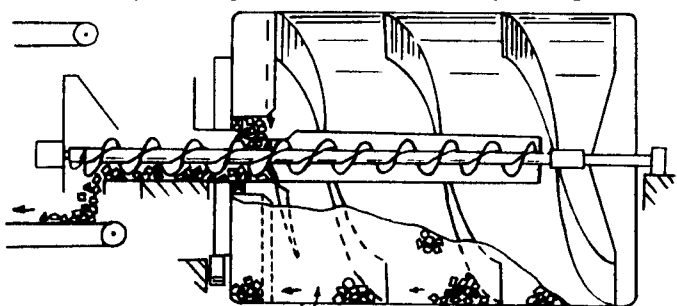
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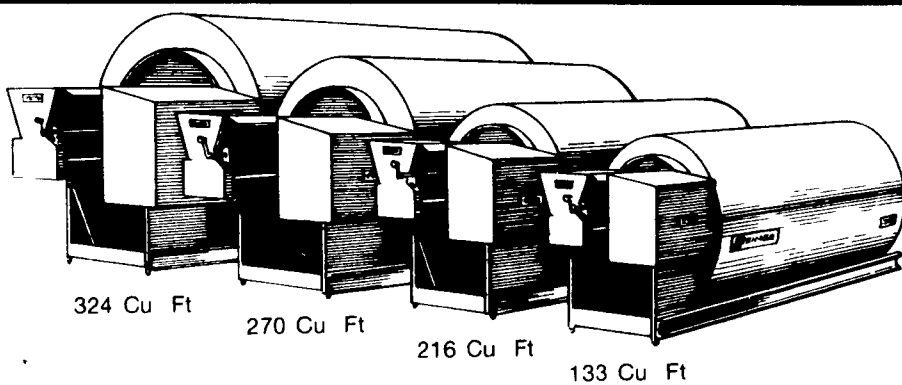
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of each week's publication

DECEMBER

TUES. DEC 27 - 11:30 AM Public Auction of Modern Farm Equipment, Corn Crib and Truck Located between Allentown and Quakertown, turn west off Rt. 309 in the boro of Coopersburg across from the Driftwood Diner, go 2 blocks to dead end turn south on Main St., approx. 2 mi. to Blue Church Rd., turn west of farm, Bucks Co. James R. Stover, Owner Ralph W. Zetlemoyer Auction Co., Inc.

THURS. DEC 29 - 9:30 AM Public Auction of Household Goods, Antiques, Car and Items

Located in the Winterstown Fire Hall, Rt. 24, south of Red Lion, PA. Bob and Tom Sechrist, Auctioneers

THURS. DEC 29 - 9 AM Public Auction of Antiques, Collectables, Furnishings, Car, Coins, Jewelry, Guns and Tools Located at Curly Hill Rd., 3 mi. west of Doylestown off Rt. 313, Doylestown,



PA Estate of Elizabeth Funk Sanford A. Alderfer, Inc., Auctioneer

FRI. DEC 30 - 9:30 AM Public Auction of Antique Engines, Tractor and Tools and Household Antiques Located in York Co., PA, Ridgewood Rd., east of Avalong Restaurant off Rt. 30, turn east at Tourist Bureau at Avalongs Restaurant to T road, turn left and follow 2 mi. to sale on right Margaret Shaffer, Owner. Blaine N. Rentzel, Auctioneer

FRI. DEC 30 - 9 AM Public Auction of Business Consolidation Sale Located 8 mi. east of Lancaster along Rt. 340 in Intercourse C.B. Hooper and Son, Owners Robert E. and Jeffrey R. Martin and Frank L. Steller, Auctioneers

SAT. DEC 31 - 9 AM Public Consignment Sale of tractors and farm equipment Located from

Interstate 31 South of Martinsburg W. VA take exit #5 (Inwood) W. VA, Route 51 east approx. 3 1/2 miles to Shutt's Cash Grocery (formerly Haines') turn right 2 of a mile to sale—OR from Charlestown W. VA take Route 51 West-go approx. 3 1/2 miles to Shutt's Cash Grocery turn left 2 of a mile to sale Edgar A. Bohrer, Sale Manager

SAT. DEC 31 - 9 AM Public Auction of Anti-

ques, Quilts, Household Goods and Coins Located at Paradise Fire Hall along Rt. 30 approx. 10 mi. east of Lancaster, PA, behind American Bank Estate of Susanna A. Eshleman Ron Funk Auctions

JANUARY

MON. JAN. 2 - 9:00 A.M. Antiques Farmersville Auction in Farmersville, 3 mi. East of Brownstown, Lancaster County, Pa. John J. Rutt, Auctioneers.

TUES. JAN. 3 - 2 PM Public Auction of Farm Located at the west end of Longlane Rd., from Blue Ball take Rt. 23E to Rt. 897N, go approx. 2 mi. to Longlane Rd., turn left to property, East Earl Twp., Lanc. Co., PA. Ivan M. Martin, Owner Horning Farm Agency, Inc., Auctioneers

TUES. JAN. 3 - 2 PM Public Auction of Woodland Located along S. Church St., between Hahnstown and Reamstown Right-of-way

starts at Neighborhood School, East Cocalico Twp., Lancaster Co., PA. Paul Newswanger, Owner Horning Farm Agency, Inc., Auctioneers

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TERMS: 10% down of day of sale; settlement by February 15, 1984

For more information or appointment for inspection call Paul Newswanger at 717-354-9935.

TERMS BY:

PAUL NEWSWANGER

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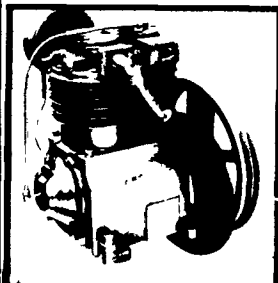
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RD 1 Box 94A Kirkwood, Pa. 17536
or call answering service 717-529-2668

**If the engine quits,
two-way radio
could pay for itself
today.**



Lose just one day during the planting season and it could make all the difference between a good crop and a poor one. That's why you should be equipped with a Johnson FM two-way radio.

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There are a lot of other ways Johnson FM radio can save you time and money. Why not let us show you how you can lease or own a complete two-way system for as little as 75¢ a day.

Authorized Sales & Service

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New Holland, PA 17557
PH: 717-656-2211



JOHNSON

150-200 HEAD SPECIAL HORSE SALE DRIVING & WORK HORSES

FRIDAY, JANUARY 6, 1984

Tack 9:00 A.M.
Sale 10:00 A.M.

AT NEW HOLLAND
SALES STABLES, INC.

12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.



- 1 Load Work Horses consigned by William Mitchell.
- 1 Load Work Horses consigned by Jim Howard
- 1 Load Work Horses consigned by Billy Meadows.
- 2 Loads Work Horses consigned by Ward Wright.
- 1 Load Work Horses consigned by Christ Smucker.
- 1 Load Work Horses and Mules consigned by Norman Kolb.
- 1 Load Work Horses consigned by Tom Collins.
- 1 Load Standardbred Driving Horses consigned by Jonas Beiler.
- 1 Load Standardbred Driving Horses consigned by Clayton Waterbury.
- 1 Load Standardbred Driving Horses consigned by Reuben Stoltzfus.
- 1 Load Standardbred Driving Horses consigned by Levi B. Stoltzfus.
- 1 Load Work Horses consigned by Donald Mason.
- 1 Load Work Horses and Driving Horses consigned by Bud Leonard.
- 1 Load Work Horses consigned by John King.

Plus many more consignments.
For more information contact:
Abe Diefenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538
Next Horse Sale
Friday, January 20, 1984
at 10:00 A.M.

PRE-INVENTORY SALE!!

Prices Slashed

Offer Ends December 31st

ON HOG EQUIPMENT

- CREEP FEEDERS
- NURSERY FEEDERS - galvanized, stainless, fiberglass
- FINISH FEEDERS - galvanized, stainless, fiberglass, wood
- GAS HEATERS
- CONCRETE SLATS
- SARAN CURTAIN
- COATED & WOVEN WIRE
- 60" & 56" MIRAGE FANS
- MONOFLO & EDSTROM NIPPLES
- 1 - USED LISSCO AERATOR
- MISC. EQUIPMENT

SAVE NOW

**TRI-COUNTY
SWINE SYSTEMS**

608 E. EVERGREEN RD.
LEBANON, PA 17042
(717) 274-3488
Hours. Mon.-Fri. 7:00 to 4:30

PUBLIC SALE

OF 3 ACRE FARMETTE
FRIDAY, JANUARY 6, 1984
AT 2:00 P.M.

Located along Rt. 23, 1 mile east of Blue Ball, Lancaster Co., Pa.

HOUSE: 2½ story stone & brick house. 1st floor: Lrg. Kit.; Liv. Rm.; Sewing rm.; ¼ bath; Large laundry. 2nd floor: 4 Bedrms.; Full bath. Attic storage; Full basement w/cement flr.; OHA heat; Lrg. flagstone porch; Shingle roof; Well & septic system. Cement block 2 car garage.

BARN: Frame bank barn w/tin roof. Lower level has open stables.

OUTBUILDINGS: Block milkhouse (used for small shop); Frame tobacco shed w/cellar & corn crib; 12' x 50' cement silo.

LAND: 3 acres of land, level to gentle slope. Frontage on Rts 23 & 807.

TERMS: 10% down day of sale; settlement by April 1, 1984. Inspection anytime by appointment. Call HORNING FARM AGENCY, INC. at 215-286-5183.

TERMS BY:
IVAN M. MARTIN
 Atty: Robert Weaver

HORNING FARM AGENCY, INC.
 Alvin Horning, Auctioneer
 Main St., Morgantown, Pa. 19543
 215-286-5183

Public Auction Register

Closing Date Monday 5 00 P M
 of each week's publication

FRI. JAN. 6 - 2 PM
 Public Auction of Farmette. Located along Rt. 23, 1 mi. east of Blue Ball, Lancaster Co., PA. Ivan M. Martin, Owner. Horning Farm Agency, Inc., Auctioneers.

FRI. JAN. 6 - 10 A.M.
 Horse Sale at New Holland Sales Stables, Inc. 12 Miles East of Lancaster off Rt. 23 in New

Holland, Pa. Abe Dffenbach, Manager

SAT. JAN. 7 - 10:30 AM
 Public Auction of Cattle, Dairy Equipment, Farm Items, Lumber and Etc. Located in York Co., PA., 2 mi. east of Hanover on Rt. 116 then before crossing Railroad track, turn south at Trico Food and go 1 2/10 mi. to 1st farm on left. Philip J. Dutterer, Owner. Clair R. Slaybaugh, Auctioneer.

FRI. JAN. 13 - 5:30 PM
 Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. JAN. 20 - 10 A.M.
 Horse Sale at New Holland Sales Stables, Inc. 12 miles east of Lancaster off Rt. 23 in New Holland, Pa. Abe Dffenbach, Manager

SAT. JAN. 21 - 10 AM
 Public Auction of Livestock and Farm Equipment. Located 4 mi. south of Quarryville, 1 mi. east of Rt. 222 along St Catherine Rd., East Drumore, Twp., Lanc. Co., PA. Christ S. Stoltzfus, Owner. Dffenbach's Auctioneers.

SAT. JAN. 21 - 1 PM
 Public Auction of Real Estate. Located at 38 N. Decatur in village of Strasburg. Sarah and Lydia King, Owners. Steve Petersheim, Auctioneer

FRI. JAN. 27 - 1:30 P.M.
 Dairy Cattle Sale at Penns Valley Livestock Auction, Centre Hall, Pa. (at the intersection of Rt. 45 and

144). Ron Gilligan, Auctioneer.

FRI. JAN. 27 - 1:30 PM
 Dairy Sale. Located at Penns Valley Livestock Auction, Centre Hall, PA. Scott L. Yocum and Ron Gilligan, Auctioneers.

SAT. JAN. 28 - 10 AM
 Public Auction of Horses. Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi. east of Middleburg, PA, 5 mi. west of Selinsgrove, PA. Don and Walt Keister, Owners. Ray Long and Dave Imes, Auctioneers.

FEBRUARY

FRI. FEB. 3 - 10 A.M.
 Horse Sale at New Holland Sales Stables, Inc. 12 miles east of Lancaster off Rt. 23 in New Holland, Pa. Abe Dffenbach, Manager

FRI. FEB. 10 - 9 A.M.
 Public Sale of Farm Machinery at New Holland Sales Stables, Inc., 12 miles East of Lancaster off Rt. 23 in New Holland, Pa. Abe Dffenbach, Manager

SAT. FEB. 11 - 9:30 AM
 Public Auction of Horse Drawn Farm Machinery, Horses and Harness. Located 1 mi. north of Strasburg on Herr Rd. David King, Owner. Steve Petersheim, Auctioneer.

SAT. FEB. 11 - 10 AM
 Public Auction. Located 4 mi. southeast of Strasburg along Road from Ivy to Mt. Pleasant Mennonite Church, Lanc Co., PA. Benue S. Esh, Owner. Dffenbach's Auctioneers.

TUES. FEB. 14 - 9 AM
 Public Auction of Holstein Herd Dispersal, Mules and Farm Machinery. Located on Rt. 272 south of Lancaster, 6 mi. turn east on Ship Rock Rd., ½ mi. to farm, 6 mi. north of the Buck, east on Ship Rock Rd. Henry F. Fisher, Owner. Kreider and Kline, Auctioneers.

THURS. FEB. 16 - Public Auction of Farm Equipment, Household Goods and Livestock. Located 2 mi. northwest of New Holland, turn off of Rt. 23 on N. Shirk Rd. at Goods Furniture, 1st road left on Amishtown Rd., Lanc Co., PA. Emanuel S. Lapp, Owner. Robert E. Martin and Son 656-7770, and Frank L. Steller, Auctioneers

FRI. FEB. 17 - Public Auction of Farm Equipment, Household Goods and Livestock. Located along Rt. 30, between Kinzers and Gap, Lanc Co., PA. Amos Yoder, Owner. Robert E. Martin and Son, 656-7770 and Frank L. Steller, Auctioneers.

FRI. FEB. 17 - 10 A.M.
 Horse Sale at New Holland Sales Stables, Inc. 12 miles east of Lancaster off Rt. 23 in New Holland, Pa. Abe Dffenbach, Manager.

SAT. FEB. 18 - 9:30 AM
 Public Auction of Draft Horse, Mules, Drivers and Meat Horses. Located at the Belleville Livestock Market. Mark Glick, Auctioneer

SAT. FEB. 18 - Auction of horse drawn farm implements and tools. Located 2 miles northwest of White Horse alone Meadville Road in Salsbury Township, Lancaster Co. PA. Enos King, Owner. LeRoy S. and Paul W. Horst, Auctioneers.

FRI. FEB. 24 - 9 AM Public Auction of Antique Tractors and Engines, New, Used and Abused Farm Equipment, New Tools and Fruit. Located 10 mi. east of Lancaster, 2½ mi. west of New Holland, turn off Rt. 23 on S. Groffdale Rd., turn left on Musser School Rd., Lanc. Co., PA. Elias S. Baier, Owner. Robert E. Martin and Son 656-7770, Frank L. Steller and Blaine Rentzel, Auctioneers.

FRI. FEB. 24 - 1:30 PM
 Dairy Sale. Located at Penns Valley Livestock Auction, Centre Hall, PA. Scott L. Yocum and Ron Gilligan, Auctioneers

LARGE PUBLIC SALE
HOUSEHOLD GOODS, ANTIQUES, CAR & ITEMS

From Kennard Dale High School Renovation

THURS. DEC. 29, 1983
at 9:30 A.M.

From homes in Red Lion, York & a load for the Lutheran Home in Rockville, Md. Sale will be held in the newly remodeled Winterstown Fire Hall, Rt. 24 south of Red Lion, PA. Waterfall B.R. suite; 5 pc. very fine dinette set, living room suite; coffee & end tables; color TV, cedar chest; stereo; rockers; chairs; round stands; magazine racks; lamps; Windsor chairs; institutional chairs & sofas, lamp stands; lots of luggage, sewing material; afghans; glassware, dishes; pots; pans; office desk; porch furniture; bicycle, antique tools; industrial electric heater, table saw; sm. lathe, bench grinder, hand tools; garden worker; lawn mower, lots of boxes to be unpacked from the Lutheran Home 1964 Ford Custom, 4 dr. sedan w/90,000 miles

From Kennard Dale High School 3 wooden executive desks, teachers desk, lg. asst. of Yorktown Metal base & wall cabinets (complete furnishings of several Home Economics suites), 2 single sinks, 1 double sink, 30 wooden seat stools, 4 lg. wooden base cabinets w/sliding doors, wooden file cabinet, asst. of metal & wood chairs, apt size electric stove, 6 wooden cabinets w/soap stone tops, sinks & gas outlets; 2 metal base cabinets, portable chalk boards; asst. of business machines; music stands; parts cabinet; maps; charts; card file cabinets; TV's; record player, as is; & many items not mentioned. School articles will be sold at 12:00 noon.

Terms: cash or approved check. Not responsible for accidents.

SECHRIST AUCTION SERVICE
 Bob & Tom Sechrist, auctioneers
 Anderson & Sechrist, clerks
 Home cooking by Ladies Auxiliary

**** VIANESE FARM DISPERSAL ****

CATTLE, MACHINERY, PRODUCE
TUESDAY, JANUARY 3, 1984
9:00 A.M.

Mount Morris, (Livingston Co.) New York

Sale to be held at the farm on the River Road, 9 miles south of Mount Morris, N.Y. From Mount Morris take Rte. 408 south 2 miles to the River road and turn right. From Nunda, N.Y. go west on Rte. 436 to "Oakland" and turn right on Oakland Road and follow to River Road.

Retiring from a lifetime of farming (continuous family farm since the turn of the century), due to ill health of both brothers, selling without reserve all personal property!

CATTLE: 119 Interstate tested, homeraised, calfhood vaccinated holsteins representing over 35 years of artificial breeding! (R.H.A. 15,228 M. - 3.6 T. - 555 F.) 72 milking age females (present average 53.7 lbs.) Very large stanchion trained cows primarily of fall freshening status, 5 due yet for January and 19 already bred back for next August. 17 large heifers pasture bred from 10-28-83 for next August and 17 good open heifers from 6 mo. to 14 mo. old; 10 heifers newborn to 3 mo. and 3 started bull calves. ALL cattle inoculated against shipping fever, blood and T.B. tested, necessary animals pregnancy examined!

MACHINERY: (all housed and cared for!) I.H. 766 diesel, w.f.e., 3 pt.; I.H. 686 diesel, w.f.e., 3 pt.; I.H. 656 gas, w.f.e., 2 pt.; Farmall "M" w.f.e.; Farmall "M" n.f.e. with front loader; A.C. "WD" n.f.e. with 3 bottom plow; 1981 CHEVY. "CUSTOM DELUXE 30" ton truck with 12 ft. steel deck, grain racks, 12 ton hoist and only 6,757 original miles!; 1971 Chevy. series 50 truck with hosit and 14 ft. steel deck with grain racks; J.D. 55EB combine with 12 ft. grain table; I.H. 510 18-7 disk drill with grass seeder; J.D. 1240 4-row plateless planter with granular applicators; I.H. 550 field harvester with 2 row corn head; 2 J.D. 115 3-beater s.u. wagons; N.I. 327 2-row picker with 12 roll husking bed; N.I. 323 1-row picker; 2 Killbros 350 gravity flow wagons; J.D. 16A flail chopper; I.H. 435 ejector baler; I.H. 1190 haybine; I.H. 35 and I.H. 16 rolabar rakes both with rubber teeth; I.H. semi-mt. trailer type mower; 3 kicker wagons; 2 flatbed wagons; 2 N.I. 213 3 beater manure spreaders; Winco 20,000 watt generator on cart; Yellow Devil 200 gal. fiberglass tank boom sprayer; Diedrich 30 ft. transport grain elevator with down spout; I.H. 700 4-16 auto. reset, semi-mt. plow with spring coulters; I.H. 710 3-16 auto. reset, semi-mt. plow; I.H. 60 2-16 trip bottom trailer plow; I.H. 183 3 pt. 4-row cultivator with danish teeth; I.H. 370 and other I.H. 183 3 pt. transport disks; 3 12 ft. harrows; I.H. 20 ft. folding transport harrow; 3 Brillion 4 in. axle cultipackers with big wheels; York 55 8 ft. 3 pt. scraper blade; I.H. 6 ft. 3 pt. scraper blade with scarf fire attachment; post hole digger; buzz saw rig; cement mixer; 3 section steel land roller; J.D. 12 ft. lime sower; 550 gal. water tank; A.C. belt table blower; I.H. belt table blower; 30 I.H. suitcase front weights; set 18.4-34 snap on duals; pr. 18.4-34 tires; sets of 28 in. 34 in. and 38 in. double ring chains; 3 section spike tooth harrow; riding cultivator; walking plow; bob sleighs; 3 endless belts; 6 bales new twine; 2 new rolls barb wire; 4 new rolls American wire; 6 50 lb. and 2 40 lb. Surge milkers; 4 s.s. pails; 2 Homelite chain saws; Sterling 70/60 amp. booster battery charger; various shop tools, hardware and new parts plus other items found on a 2 generation farm of this magnitude! Small items sell first at 9:00 A.M.!

PRODUCE: App. 10,000 bales early cut 1st., 2nd., and 3rd. cutting alfalfa and mixed hays to be sold in 6 lots; Appr. 3,000 bales straw in 6 lots; App. 4,000 bu. oats in 3 lots; App. 95 ton ear corn in 4 lots; App. 200 bu. wheat; good lot of corn ensilage, about ½ of a 16x50 silo with unloading privileges.

A good old fashioned all day auction of clean machinery followed by produce and then an honest group of cattle. Your prior inspection is invited!

TERMS: Cash or good check with all settlements to be made in full on sale day! Proper I.D. required! Nothing to be removed until settled for.

Trucking arranged.

Owned by
VIANESE BROS.
 Joe, (716-468-3876) or
 Frank Sr., (716-468-3873)

Auction conducted by
PIRRUNG AUCTIONEERS, INC.
 Wayland, N.Y.
 716-728-2520

PUBLIC AUCTION
ANTIQUE GUNS, CLOCKS, LANTERNS, FURNITURE, GLASS AND TIN WARE, BASEBALL CARDS AND COLLECTIBLES
MONDAY, JANUARY 2
11 a.m.

Location: Johnson's Auction, 406 E. Main St. Mt. Joy. (Rear of A&M News) on Route 230 off of Route 283.

GUNS: E. Remington 1864 military Bolling Block 44-40. Percussion Hawkins J Long 38 Caliber. Lancaster Henry, Orig. Flint altered to Percussion. Bedford Co. Long Kentucky, 60 Caliber Flint. Persian 1750 Flint Pistol, Fine Silver wire Inlay.

CLOCKS: 3 OG's Original. 3 Gingerbread Kitchen, 1 Regulator School. 5 Black Mantel (all in working condition)

LANTERNS: 5 R.R. Lanterns. Deitz, Colored Embossed, Barn, Brass Lantern dated 1883. Tin Folding Lantern (candle) Misc. Tin Lanterns and Aladdin.

FURNITURE: Armoire w/matching marble top dressing table and night stand. Maghogany Drop Leaf Table. Stand w/Drawers and Clothes tree, 6 sm. oak chairs, Maple Dry Sink, Wash Stand, Old English Dresser, oak chc. Pew w/reversible back.

GLASSWARE: Depression: Pink, Green, Cobalt, Crystal & Yellow. Misc. Pcs. & Patterns, Ice Bucket, Candy Dishes, Cream & Sugar Sets. Bowls, Plates, Vases. Also Heisey and Lots of Ruby Red. Planter Peanut Set, approx. 100 pcs. of Fine Glassware.

TINWARE: 3 rare 1 qt. milk cans. Tobacco humidifier. Pudding strainer measures (Graduated sizes) Pudding molds. Bisquet Tray. Old Tin Donkey Cigarette Dispenser, (mint condition) and many more tin items.

MISC. ITEMS: Stereoscope w/cards (68), Conestoga Wagon Jack, Cherry Seeder, Oxen Yoke, 5 Old Brass Hand Bells. Graduated Sleigh Bulls, Copper Glue Pot, Cow Bell. Marietta Pot, Daisy Butter Churn, 4-5 cent Bubble gum mach. and many more items too numerous to mention.

BASEBALL CARDS: Berra, Matthews & Aaron 1955 Bowman, Aaron "71&75", Rose "70-79 & many "80-83's. Other cards "80-83's. Topps, Fleer & Donruss, Carleton, Schmidt, G. Brett, R. Henderson, Yaztremski, Bench, Jackson, Carew, Lunn, & many others too numerous to mention. (Will be sold at approx. 4 p.m. after the antique sale)

Terms: Cash or travelers checks. No out of state checks accepted.

Sale by:
AGENT FOR OWNERS

Auctioneer:
 H. Edward Johnson
 461 Donegal Springs Rd.
 Mt. Joy, Pa. 17552
 Phone (717) 653-9290

Food Available

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT. FEB. 25 - CONSIGNMENT SALE Const. Equip., Trucks, Trailers & Contractors Equip. to be held at the property adjacent to the Ramada Inn off Rt. 95 in Essington, Pa., just south of the Philadelphia Int'l Airport. Vilsmeier Auction Co., Inc.

SAT. FEB. 25 - 10 AM Public Auction of Livestock and Farm Equipment Located 1 1/2 mi. southwest of Bartville off Farmdale Rd., Lanc. Co., PA. Henry S. Stoltzfus, Owner Steve Petersheim, Auctioneer

SAT. FEB. 25 - 10 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi. east of Middleburg, PA, 5 mi. west of Selinsgrove, PA. Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers.

SAT. February 25, 1984 9 AM Terms by Allan H. & John W. Brubaker Electrical supplies, farm machinery, household goods, and tools Located 1/2 mile north of Hahnstown, Ephrata Township, Lancaster County Auctioneers - Paul W. & Leroy S. Horst

SAT. FEB. 25 - 10 AM Public Auction of Horse Drawn Machinery, Draft Horses and Antique Furniture Located 7 mi. east of Intercourse in village of White Horse Amos F. Beiler, Owner

TUES. FEB. 28 - 9:30 A.M. Public Sale of farm machinery and tractors Located along Meadow Valley Road 1 1/2 mile west of Ephrata By Edwin Horning and Sons, Ralph Horst and Blaine Rentzel Auctioneers

WED. FEB. 29 - 9:30 AM

Public Auction of Horse Drawn Farm Machinery, 22 Head Holstein Heifers from Stoltzfus Herd, 6 Work Horses Located 1 mi. north of Gap Stephen U. Stoltzfus, Owner Steve Petersheim, Auctioneer

MARCH

THURS. MARCH 1 - 9 AM Public Auction of Dairy Cows and Farm Machinery Located on premises along Bowmansville Rd. leading from Adamstown to Rt. 625, from Bowmansville take Rt. 625N under turnpike bridge, 2nd road left to T road turn left 1/2 mi. to auction on right Clarence Weaver, Owner Randal V. Kline, Lloyd Kreider and Roy Good, Jr., Auctioneers

FRI. MARCH 2 - 9 AM Public Auction of Farm Machinery Located at the Belleville Livestock Market

FRI. MAR. 2 - 10 AM Horse Sale at New

Holland Sales Stables, Inc. 12 miles east of Lancaster off Rt. 23 in New Holland, Pa. Abe Diefenbach, Manager

SAT. MARCH 3 - 20th Annual Bart Twp. Fire Co. Located in Georgetown, on Rt. 896, 7 mi. south of Strasburg Larry LeFever, Auctioneers

SAT. MAR. 3 - 10:00 AM Horse Sale Located at Penns. Valley Livestock Auction, Centre Hall, PA. Scott L. Yocum and Ron Gilligan, Auctioneers

TUES. MARCH 6 - 10 AM Public Auction of Full Line of Farm Machinery, Hay and Straw Located 1 mi. south of New Holland off of Rt. 23, between Kinzer Ave. and Brimmer Ave. Ray and Linda Geissinger, Owners Jeffrey R. and Robert E. Martin, Auctioneers

THURS. MAR. 8 - 10:30 AM Public Auction PA World Relief Heifer Sale 100 Head Located at the Guernsey Sales Pavilion along Rt. 30 Wilmer Kraybill, Manager

THURS. MARCH 8 - Fourth Annual World Relief Heifer Sale Located at the Guernsey Sales Pavilion, Lancaster.

PA John Umble, Lee Kurtz and Omar Stoltzfus, Auctioneers

FRI. MAR. 9 - 9 AM Public Sale of Farm Machinery at New Holland

Sales Stables, Inc. 12 miles east of Lancaster off Rt. 23 in New Holland, Pa. Abe Diefenbach, Manager

FRI. MARCH 9 - 9 AM Public Auction of

Machinery Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi. east of Middleburg, PA, 5 mi. west of Selinsgrove, PA. Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

TUES. MARCH 13 - 9 AM Public Auction of Farm Machinery, Farmall Tractors, 20 Head of Heifers and Antiques. Located 2 mi. east of Intercourse on 340 John L. Zook, Owner Steve Petersheim, Auctioneer

WHITEFORD SALES CO.

Box 100

Uwchland Post Office
Eagle, PA 19480

Has been Chester County's Leading Auction Co. for the last 26 years in dairy and livestock auction.

We also sell real estate, construction equipment, farm machinery, trucks and trailers and antiques.

Before you give your auction to someone else call and allow us to evaluate your once in a lifetime savings. The day after may be too late! We have the experience and know the value of your real estate or personal property so we can get you top dollar.

We also will buy your complete spread. Call now for 1984 auction dates.

Phone Whiteford Sales Co.
215-458-5060

Auctioneers
L. Robert Frame and Son
215-458-8518

Or Call Vintage Sales Stables, Inc.
717-442-4181

Call anytime day or night.

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GO THE AUCTION WAY

Get The Most Money For Your
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Or The Entire Household

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Weekly Auctions For The Past 12 Years

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FARMERSVILLE AUCTION

Farmersville, PA

717-354-5095

John J. Rutt

2-DAY AUCTION

A most unique collection of antiques and collectables from one of America's finest antique shops, THE FULLERTON GALLERIES. In business since 1890, this landmark antique shop is closing and this very fine collection will be offered at Absolute Auction.

AT: CONVENTION HALL
GEORGE WASHINGTON
MOTOR LODGE

1350 MacArthur Road
(Rt. 1-78 & MacArthur Rd., Rt. 145)
Whitehall/Allentown, PA

SESSION 1 -

WEDNESDAY, JAN. 4, 1984
10:00 A.M.

SESSION 2 -

WEDNESDAY, JAN. 4, 1984
6:00 P.M.

SESSION 3 -

THURSDAY, JAN. 5, 1984
10:00 A.M.

If necessary, a fourth

session will be held Thurs. P.M.

Many bowfront china cabinets, ornate oak ext. tables, Victorian parlor suites, corner cupboards, dry sinks, jelly cupboards, chests, Civil War field desk, chairs, rockers, tall case, kitchen & mantel clocks, pump & pipe organs, cherry slantfront desks, secretaries, blanket chests, Victor & Edison phonographs, lamps, oil paintings incl. "The Drummer's Latest Yarn" by Archibald M. Willard, prints, frames, portraits, Baltimore Belles, etchings, etc., lg. ornate carved oak fireplace mantel, oriental furniture, early kitchen furniture, several period pieces, marbletops, leaded Tiffany type domes, washstands, beds, bureaus, Mettlach, German & Neuweiller Stein Collection, Antique Scotch Whiskey Collection, Stangl bird collection, cut glass, carnival, Bohemia, Heisey, Mary Gregory, Ruby Cranberry, vaseline, custard, as well as many Belleek, Staffordshire, Adams, Historical Blue, German, Bavarian, Gaudy, Ironstone, Bonn, Royal Bonn, Majolica, Spatter, and much more; sterling & coin silver, watches, jewelry, orientalia, Chinese rose medallion & blue oriental garden stools, brass, onyx, soapstone, primitives, and hundreds of other interesting & desirable items not mentioned. Please write or call for detailed brochure!

Mark your calendar now and plan to attend all sessions. Each one is designed to offer something for everyone.

TERMS - Cash or check w/bank letter guaranteeing funds. All items must be paid for and removed from Convention Hall by Thurs. P.M.

Sanford A. Alderfer, Inc.

REAL ESTATE BROKERS AND AUCTIONEERS

665 Harleyville Pike (Rt. 111)

Box 1, Harleyville, PA 19438

215-723-1171 or 256-8892

Merry Christmas and a Happy New Year to all.

Thank you for making 1983 a
pleasant year. A special thank
you to our Clients.



...we would that
ye prosper and
be in good
health even as your
soul prospereth.

III John 2

Steve and Anna Petersheim

John
Naomi

Steve Jr.
Ruth

Sam
Orpha



From all of us to all of you,
we sincerely appreciate all
the kind help and business
you have given us this past
year. We here at Shady
Lane Dairy Sales wish every
one a

Merry Christmas

and

Happy New Year

May the peace and brotherhood
of the season extend
throughout the New Year.

Sincerely

Glenn & Doris Fite David & Carol Fite
Matthew & Kathleen Fite

SHORT NOTICE PUBLIC AUCTION

OF FARM EQUIPMENT
TRACTORS, FARM EQUIP.,
TOOLS & RELATED ITEMS

WEDNESDAY, DEC. 28, 1983

10:00 A.M.

Blaine Rentzels' Auction Barn

Located: 1 1/10 mile north of Manchester, Pa. along Rt. 181, turn right at "White Rock". Watch For Signs.

**CONSIGNMENT OF FARM EQUIP.
FROM LOCAL FARMER**

8N Ford, 501 Ford Mower - like new, 3 pt. 2 Row Cult., Int. Ground Drive Manure Spreader, 1 Hole Corn Sheller, J.D. 3 pt. Rotary Mower, 3 pt. Rototiller, cement mixer w/motor, 3 pt. wood saw w.gear box, 2 Bottom Ford Plow, Hammermill, work benches, chain hoist, 2 iron kettles, sausage stuffer, garden tools, hog scalding trough, blocks & falls, flat belt, large stillard scales, plus 2 wagon loads of small items.

**CONSIGNMENT LISTINGS OF
OTHER TRACTORS & FARM EQUIP.**

Farmall 340, Farmall Cub, Cub 154 Low Boy, Int. 544, A.C.-W.C., A.C.B. w/Plow & Cult., M.M.602, various types of wheel weights, snow plows, 5 ft. Pull type rotary mower, JD Model 43 PTO Corn Sheller, Smoker 28 ft. Elev. w/motor, JD #10 Side Mount Mower, Int. #5 Flail Chopper, Ellis 3 pt. Transplanter, Hershey 2 Row Transplanter, Holland 1 Row Transplanter, 56 Int. 2 Row Planter, JD Running Gear, 323 N.I. Corn Picker, 2 wheel Utility Trailer, used wagon gears from 5 ton to 10 ton, 2 used Int. Pull Type Disc., JD Transport Disc, 7 tooth Ford Chisel Plow, JD & Int. 2 bt trailer plows, JD 520 Sprayer w/Poly Tank.

LAWN & GARDEN

6 Snow Plows

for various lawn tractors.

8 Snow Blowers

for various lawn tractors.

NEW EQUIPMENT

New 3 pt. Boom Poles, 3 pt. 1 Row Cult., 3 pt. 1 Bt Plow, 3 pt. Seeder, 3 pt. Yard Rake, Steel Farm Gates.

TRUCK & VAN

1978 Ford Custom Van.

1963 Ford Pick-up w/Morrison Body.

FULL SETTLEMENT SALE DAY.

TERMS: CASH OR GOOD CHECK WITH ID.
(No Exceptions)

AUCTIONEER: Blaine N. Rentzel
Emigsville, Pa.

Daytime: 717-764-6412

Evenings & Auction Barn: 717-266-1671

LUNCH WILL BE SERVED.

AUCTION**ANTIQUES, COLLECTABLES,
FURNISHINGS****1977 BUICK SKYLARK, COINS,
JEWELRY, GUNS, TOOLS****FOR: ESTATE OF ELIZABETH FUNK
AT: Curly Hill Road (3 miles West
of Doylestown off Rt. 313)****Doylestown, PA****THURS., DEC. 29, 1983****9:00 A.M.****Coins & Jewelry at 11:30 A.M.****Auto & Furniture at 12 Noon.**

ANTIQUES - Cherry gateleg dropleaf table, oak bowfront china cabinet, marbletop bureau, marbletop stand, slantfront desk, clothes tree, nightstand, plank seat chairs, chest of drawers, commode, Victorian bureau, oak rockers, arm chairs, bowtop trunks, cast iron dog, poster bed, comb case, Gingerbread kitchen clock, N.H. mantel clock, wall clock, Ingraham mantel clock, oak stands, Victrolas (table top & console), airline radio, quilts, oil lamps, oil paintings, Currier prints - "The Declaration", "Little William & Mary"; "The Clearing" print - Fox 1908, coffee grinder, cherry pitter, brass bells, crocks, lanterns, 7 pc. chamber set, Majolica creamer; Bavaria, Austria, German plates; vases, compotes, misc. pressed & pattern glass, glass baskets, hen on nest, Carnival glass bowl, Carnival pitcher, footed bowls. **FURNISHINGS** - Living Room Suite, sofa bed, bedroom furniture, Zenith color TV, Whirlpool No-Frost Refrigerator, Singer elec. sewing machine, Electrolux vacuum, kerosene room heater, Kenmore washer & dryer, Kelvinator chest freezer. **TOOLS** - Alum. ext. ladder, bench vise & anvil, misc. hand & garden tools, horse-drawn rowmaker, horse-drawn grain drill, misc. scrap iron, misc. lawn mowers. **COINS** - 1806 Draped Bust Half, 1871 Half Dime, Blue Book Collections of half dollars, nickels, dimes, quarters, cents; Flying Eagle & Ind. Cents, lg. cents; REQUEST COMPLETE LIST. **JEWELRY** - 9 Pocket Watches keywind, Elgin, etc.; diamond & gold wedding rings & bands, diamond earrings, pins, broaches, stick pins, etc. **AUTO** - 1977 Buick Skylark - 2 dr. light blue, 66,000 miles, radio, power brakes/steering, automatic. **TERMS** - CASH; LUNCH.

Sanford A. Alderfer, Inc.**REAL ESTATE BROKERS AND AUCTIONEERS**

665 Harleyville Pike (Rt 113)

Box 1, Harleyville, PA 19438

215-723-1171 or 256-8892

Public Auction Register**AUCTION****ANTIQUES, QUILTS, HOUSEHOLD
GOODS & COINS****SATURDAY, DEC. 31, 1983****9:00 A.M.****Located at Paradise Fire Hall Along Rt. 30
Approx. 10 Miles East Of Lancaster, PA****(Behind American Bank)****ANTIQUES, QUILTS
& HOUSEHOLD GOODS**

• Walnut cylinder roll top bookcase secretary brass pulls, nice, 4 Drawer chest Oak washstand Library table with drawer Fiddle back plank seat decorated rocker, 2 early child's sad irons Walnut chairs canned seat Baskets Floor lamps Ornate Victorian stand Early pin cushions Covered compote Glass bird whistle candy container, Lantern candy container Cream & sugar Milk pitchers Two 3-drawer stands Gold band glassware Salts Monarch 2 pc. Kitchen cabinet 9 in German Bisque #701 Doll in original box, Paper cut out doll 3 Hens on a nest Oak clothes tree Night stand with drawer 6 Old quilts, 2 crib quilts, Shawl Linens Rag & hooked rugs Camel back trunk Iron single bed Empire dresser with glass pulls 2 Oak fancy chairs 2 Door early pinned & dovetailed wardrobe, Fainting couch Victorian chair Swivel desk chair Oval frames Quilt stand Mantle clock Vacuum cleaner Wooden cheese boxes Rubber doll Redware crock Butter paddle Children toys Blocks Bulleye glassware Water set Lancaster Demuth's snuff crock with lid, nice, 4 Drawer dresser with mirror Chair pads Wall mirror Old iron horse & cart Stereopticon view Church plates Painted bowls Etched glassware Nippon china doll Oak bookcase, Tiffany type carmal slag table lamp with ornate iron base, Sewing basket Electric sewing machine in cabinet iron ware Kitchen utensils Extension dropleaf table Carnival glass basket Oak Welch Kitchen clock, Washboard Copper bottom pans Flow blue dish Mason jars Depression glass Early dovetailed wood grained blanket chest, Religious pictures Toaster Copper tea pot Iron kettle Flower glasses Electric heater Iron floor lamp Photo album Westinghouse air cooler Oak rocker Oriental style rug Rocker Upholster chair Tin soap holder Chaik box Tinware Doll coach Winchester dovetailed box Wicker rocker Wooden potty chair Table clothes Composition doll Step Ladder Kerosene heater Jugs Crocks Tin canner plus more still unpacked

COINS OFFERED AT 1:00 P.M.

• 1895 Five dollar gold pc. 1850 One dollar gold pc. Approx 30 silver certificates Large 1918 One dollar Large 1923 One dollar 1828 1/2 cent 1893 Indian head 5 00 Silver certificate 26 Mercury dimes 1941 1964 Quarters 1945 Walking Half dollar 1947 Walking Half plus more

AUCTIONEERS TERMS:

- Auction In Heated Building & Good Food Available
- Large Auction — Be Prepared To Buy
- No Out Of State Checks.
- Statements Made Day Of Auction Take Precedence Over All Previous Advertising.

ESTATE OF:**SUSANNA A. ESHLEMAN****EXECUTORS:****Mrs. Amos Sauder****Marvin Eshleman****Clarence Eshleman****RON FUNK AUCTIONS****AUCTIONEERS * APPRAISERS * LIQUIDATORS**

Gordon Resler

Auctioneer

687-7402

34 N Vintage Road

Paradise, PA 17562

717/442-4279

Jeff Knosp

Auctioneer

687-0653

*** AUCTION SERVICE SINCE 1961 *****WE want to be your auctioneer!**

For free confidential auction estimate call 717/442 4279

**PENNSYLVANIA ALL BREED
BRED GILT SALE****JAN. 9-10-1984****Farm Show Bldg. Harrisburg, PA****Small Arena****Sale Arena Ph. (717) 787-4160****Berks:**

Arlie Cornbower

#1 Box 41

New Freedom, Pa. 17349

Landrace:

John Mummert

Box 152-C

Seven Valleys, Pa. 17360

Chesters:

Charles Griest

#1

Abbottstown,

Pa. 17301

Hampshire

Jan. 9

11:30 A.M.

Duroc

Jan 9

10 AM

Spots

Jan. 10

10 AM

Poland:

Harlan Wessner

#1 Box 247

New Tripoli,

Pa. 18066

Polands

Jan. 10

11:30 A.M.

Chesters

Jan. 10

1:00 P.M.

**SALE
TIME****Landrace**

Jan. 9

1:00 P.M.

Duroc:

Rick Pfautz

#1

Stevens, Pa.

Hamps:

Charles Bomgardner

#3 Box 604

Annville, Pa. 17033

Yorks

Jan. 9

2:30 P.M.

Berks

Jan. 10

2:30 P.M.

Spotted:

Clair Hartman

Box 222

Gratz, Pa. 17030

Yorks:

Leon Arnold

#7 Box 705

Lebanon, Pa. 17042

SWINE SHOW**Jan. 7 8:00 A.M.****PA. CO-OP****SWINE BREEDERS ASSN.****Auctioneer:****HARRY BACHMAN**

138 College Ave., Annville, PA

17003

Tel 717-867-1809

FRI MARCH 16 Public Auction of Full Line of Farm Machinery Located at RD 1, Blain, Perry Co., PA James Koser, Owner Kling's Auction Service

FRI MARCH 16 5 PM Public Auction of 65 Tractors and Trucks, Material, Small Items and Tools, Etc Located at the Kemp ton Community Center

FRI MARCH 16 6-30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc., Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

FRI MARCH 16 Public Auction of Farm Equipment, Antiques and Household Goods Located along Red Run Rd., 2 mi northwest of Terre Hill, near the Red Run Campground Lloyd H Martin, Owner Nevin Martin, Paul Horst and Lowell Horst, Auctioneers

SAT MARCH 17 9 30 AM Public Auction of Farm Equipment, Household Goods and Antiques Located between East Petersburg and Manheim, turn off of Rt 72 on West Auction Rd., 1st crossroad left Titus M., Mary H., Eugene N. and Donna J. Nolt, Owners Robert E. and Jeffrey R. Martin 656-7770, Auctioneers

SAT MARCH 17 Public Auction of Farm Machinery and Misc Items Located at RD, Mechanicsburg, Cumberland Co., PA Robert Eppley, Owner, Kling's Auction Service

SAT MARCH 17 9 AM Public Auction of Farm Equipment, Tools and Small items Located at the Kempton Community Center 12 Auctioneers

SAT MARCH 17 9 30 AM Public Auction of Farm Machinery and Antiques Located at Chester Wilson Farm, approx 4 mi south

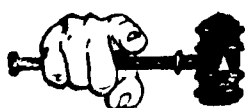
of Strasburg, PA off Rt 896, take May Post Office Rd south to Weaver Rd to Winter Hill Rd Chester and Anna Wilson, Owners Ron Funk Auctions

THURS MARCH 22 Farm Machinery Consignment Auction Located at RD 1, Landisburg, Perry Co., PA Kling's Auction Service

FRI MARCH 23 7 PM and **SAT MARCH 24** 9 30 AM Public Auction of Farm Toys Located at Historic Strasburg Inn Second Annual Lancaster Farm Toy Auction, Sale and Show

FRI MAR 23 10 AM Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Dffenbach, Manager

FRI MAR 23 1 30 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L. Yocum and Ron Gilligan, Auctioneers

**PUBLIC
SALE****OF NEW & USED EQUIPMENT,
TRACTORS, TOOLS & PARTS
FRIDAY, DECEMBER 30, 1983****At 9:00 A.M. Sharp****Located 8 miles east of Lanc. along Rt. 340 in Intercourse,
Lanc. Co. Pa.****NOTICE — Last year we consolidated three dealerships into
two, we're selling excessive parts, shop tools, new & used
equipment, combines & used tractors.****TRACTORS**

IH 1456 Diesel; IH 706 Diesel; IH F966 Diesel; IH 450 Gas; Cub; Plow & Cult.; IH B414 Gas with 101 Loader; Farmall H with pulley; Deutz D5506 on steel; IH 3200A Skid Loader; MF 1100; Year Round Cab for IH; Front, Rear & Suitcase Weights; IH Fuel Tanks; Year Around Cabs; Set of 18 4x38 Duals; Hubs for Duals.

COMBINES

IH 815 Diesel with 13' Platform; Gleaner F Gas with 330 Corn Head 13' Platform; 2 - MF 300 with 2 Row Corn Head 13' Platform; JD 643 Corn Head; JD Straw Cutter; Neco Hillside Grain Saver; AC 440 Corn Head; IH 863 Corn Head; IH 844 Corn Head; IH 744 Corn Head.

HARVESTERS & BLOWERS

IH 650 Direct Throw; N.H. 717 with 1 Row Corn Head & Cutter Bar; 2 - IH 2 Row Corn Head, 1 pickup for 550 & 650; N.H. 27; Gehl 88; AC 480 Blowers.

NEW EQUIPMENT

18' Bale Wagons with Running Gears; IH 720 5F - 18' Auto. Plow; IH 720 4F - 18' Auto. Plow; IH 55 11' MTD Ch. Plow; IH 4500 - 16'-6" & IH 4500 - 12'-6" Field Cult.; Two - IH 350 - 10' 6" Disc; 2 Krause 16' Rockflex Disc; Eight - IH 295 Planter Units; IH 3 Row Unit for 830 Harvester; Krause 21' Field Cult.; Krause 7' & 9' Chisel Plows; 1068 No-Till Hay Buster Drill; Lely Fert. Spreader; Brillion 5' Grass Seeder; Pequea 7' PTO Hay Tedders; Grimm - 7' PTO & Ground Drive Hay Tedders; Century 240' Wick Applicator.

USED EQUIPMENT

NH 7' Cutter Bar Mower; IH 7' Fast Hitch Cutter Bar Mower; 3 point 6' Disc; 8 Rolls BEAN Potato Digger Chain; Pitt. Disc 12' Transport; 14' Case Chisel Plow, pull type; IH #10 Drill; JD 220 - 20' Disc; JD 12' Disc; Oliver 5F - 16" Plow; JD 6F - 16" Plow; A.C. 20' Disc; Brady 1680 Flail Chopper; IH 400 Cyclo 4 R Planter; Sauder Loaders; Kelly Loader for Super C; Krause 14' Disc; 14' Roller with End Transport; IH 710 4F - 16" Auto. Plow; IH 531 3F - Plow; NI 737 12 Roll Husking Bed; Ford 2 Row Cult.; Farmall A Plow; 11 Shank Glencoe Soil Saver; Oliver 10 1/2' Disc.

SPRAYERS

JD 3 point 150 gal. Sprayer; Snyder 200 gal. Saddle Tanks & Brackets; Welsh 210 gal. 3 point with 21' Boom; Myers PTO Trailer Sprayer; Century 240' Wick Applicator; Pacer Transfer Pumps & John Blue Pumps.

LAWN & GARDEN SUPPLIES

2 New McCulloch Chain Saws 510 & 610; Wood Cutting Supplies; JD 110 Garden with Mower; Sears 12 HP & MF 8 HP Garden Tractor with Mower; Unicorn Log Splitter; IH 1200 Snow Mobile Trailer; Myers; 84 & 90 Snow Plows Universal Mounts; Watson Utility Trailer.

SHOP TOOLS & MISCELLANEOUS

1,000,000 BTU Oil Heater; Space Heaters; McCulloch 1500 Watt Generator with engine; Tractor Dynamometer; Jenny 1000 Hot Water Washer; 100 gal. Part Washer Tank; 35 ton Hyd. Press; 250 amp Welder; Elec. Band Saws; Steel Shelving; 30 gal. Drums; #10 Oil; Socket Set; Tool Boxes; New Batteries; Dairy Supplies; Typewriter; Cash Register; Plow Bolts; all kind of Bolts; many other items not mentioned.

AUCTIONEER'S NOTE — Taking advantage of this Year End Sale will be a saving for you in '84. First 50 buyers will receive free lunch tickets.

PARTS DEPARTMENT WILL OFFER SPECIAL DISCOUNTS ON PARTS AND EQUIPMENT.

Equipment will be sold at 1:30. Financing available on new equipment sold over auction.

All items listed are subject to prior sale.

Out of state checks if approved by C.B. Hooper, Inc.

Sale will be held indoors on small items.

Terms by**C.B. HOOPER & SON, INC.**

717-768-8231

Auctioneers —**Robert E. and Jeffrey R. Martin — 656-7770****Frank L. Steller****Lunch Available**

Public Auction Register

Closing Date Monday 5 00 P M
of each week's publication

SAT MAR 31 9 A M
CONSIGNMENT SALE
Const Equip, Trucks,
Trailers & Contrs Equip
to be held at Wall Stadium
property, located on Rt
34 in Wall Township
(Belmar/Manasquan
area), N J Vilsmeier Auc
tion Co., Inc

SAT MARCH 31 Public
Auction of Farm
Machinery and Misc
Items Located at RD 1,
Newport, Perry Co, PA
Kenneth Schreiber
Owner Kling's Auction
Service

SAT MARCH 31 10 AM
Public Auction of Horses
Located at Keister's Mid
dleburg Auction Sales,
Inc, Rt 555, 3 mi east of
Middleburg, PA, 5 mi
west of Selinsgrove, PA
Don and Walt Keister,
Owners Ray Long and
Dave Imes, Auctioneers

SAT MARCH 31 1983
10 AM Public Auction of
farm equipment, tools,
furniture, ear corn, hay
and numerous small
items Located 1 mile
southeast of Reamstown
on Steffy Rd Elam W
Nolt, owner Nolt &
Witmer Auctioneers

SAT MAR 31 9 00 AM
Consignment Sale
Located at Penns Valley
Livestock Auction, Centre

Hall, PA Scott L Yocum
and Ron Gilligan, Auc
tioneers

APRIL

FRI APRIL 6 9 A M

Public Sale of Farm
Machinery at New Holland
Sales Stables, Inc 12
miles east of Lancaster off
Rt 23 in New Holland, Pa
Abe Diffenbach, Manager

SAT APR 7 Public
Auction of Full Line of
Farm Machinery plus
Holstein Heifers Located
at RD 1, Landisburg,
Perry Co., PA Jay C Mc
Coy, Owner Kling's Auc
tion Service

FEATURING FIRST
AND THIRD MONDAY
EACH MONTH

GRADED FEEDER PIG SALE

1:30 p.m. Sharp!

Telephone 302-734-2016 or 284-4541

Tele-O-Auction - 302-284-4912

* Tele-O-Auction - Bid over the telephone.

* Easy to reach - Rt. 13, on South Bound Lane,
approximately 10 miles South of Dover,
Delaware.

* Quick Service - Load & Unload

* No Dealer pigs

* Pigs received after 7 a.m. until 11 a.m.

* Consignors - Paid day of sale

* Veterinarian inspection on premises - Dr.
Towers

* State Graded.

* Pseudorabies Free State.

Auctioneers-Harry Barrett - Chester Lee
Carroll

AUCTIONS OF ALL TYPES

TUES APR 10 7 30 PM
Easter Lamb & Goats
Located at Penns Valley
Livestock Auction, Centre
Hall, PA Scott L Yocum
and Ron Gilligan, Auc
tioneers

THURS APR 12 10 AM
Public Auction of Rabbits

11 AM Public Auction of
Lamb and Goat Kids
Located at Keister's
Middleburg Auction Sales
Inc, Rt 555, 3 mi east of
Middleburg, PA, 5 mi
west of Selinsgrove, PA
Don and Walt Keister
Owners Ray Long and
Dave Imes, Auctioneers



KEISTER'S MIDDLEBURG AUCTION SALES, INC.
Rt. 522 - RD 3, Middleburg, Pa.

PUBLIC SALE

ANTIQUE ENGINES, TRACTOR &
TOOLS, HOUSEHOLD ANTIQUES
FRIDAY, DECEMBER 30, 1983
9:30 A.M.

LOCATED: York Co., Pa. - Ridgewood
Rd., east of Avalong Restaurant off Rt.
30. (Turn east at Tourist Bureau at
Avalongs Restaurant to T road, turn left
& follow 2 miles to sale on right).

OLD ENGINES & MISC. FARM ITEMS

New Holland 1 hp. w/truck, Ottawa engine
w/saw mtd., Wittie engine, John Deere Model
A Standard, 1 row horse corn planter, plate
mill, 1 cylinder Shepard diesel motor mtd. on
wood saw, 2 hole butcher furnace, straw cutter,
iron kettle, 1 horse culti., walking plow, hand
corn sheller, 1 hole sheller, scalding trough,
double trees, saw buck, clover seeder, lumber
& post, chicken feeder, electric motor, 2 bottom
IH plow, shovel plow, small 4 wheel wagon on
steel w/bed, 28 blade disk, 2 horse drawn
mower, bench vise, steel wheels, 20 blade disk,
cultipacker, roller, 2 section harrow, cement
mixer, old wrenches, belting, belt lacer, chain,
anvil, bolt cutters, vice, lawn mowers, misc.
tools, Maytag motor & other motors.

ANTIQUES & HOUSEHOLD GOODS

6 Oak dining room chairs, 5 leg Oak table
w/boards, kerosene light, cook stove, clothes
tree, Oak stand, blanket chest, cane rocker,
antique wooden bed, 2 cane bottom chairs,
towel racks, Oak kitchen cabinet w/roll front &
flower bin, Columbian white porcelain cook
stove, plank bottom chairs, old wringer, old
wash machines, dining room table w/carved
legs, table boards, apartment electric stove,
metal cabinet, crocks, & other items not
mentioned.

TERMS: CASH OR GOOD CHECK.

MARGARET SHAFFER

AUCTIONEER: Blaine N. Rentzel
Emigsville, Pa.
717-764-6412

CHRISTMAS HOLIDAY & 10th ANNIVERSARY SALE

FRIDAY, DECEMBER 30, 1983
12:30 P.M.

Sky-Vu Farms

COMPLETE MILKING HERD & BRED HEIFERS DISPERSAL

To be held at Smoketown Quality Dairy Sales Co.,
Smoketown, PA. Rte 340. 5 mile East of Lancaster, 5 mile
West of Intercourse.

55 High Grade Cows average 50-51 lbs. per day. Cows milking 70-80
lbs. per day. Heifer's up to 60 lbs. per day. 15 cows fresh for Nov. &
Dec. Several cows will milk over 100 lbs. per day. Herd has a 3.93
creamery test. Average age of herd is 4 yrs. Lot of 2 & 3 yr. olds. This
herd was on DHIA up to June of this year. Bred year round. Fall bred
herd. Eastern bred to A.I. Bulls including: Elate - Stargazer, op
portunity. Good sharp cows with good udders. These cows were
never pushed. Herd was inoculated for shipping fever. 75% of herd
calfhod Vacc. All home raised. This Dairyman lost his farm lease.
His reason for selling his herd.

Also Selling

Reg. 3 yr. old Creek Daugh. - Due Jan. to Chariman.
2 yr. 2 m. 279d. 12,844m. 4% 508f.

2 - Reg. Chairman Bulls. - 9 mo. old.

1-Bull - Dam -86 pt. Harrisburg Gay Ideal

5 yr. 5 m. 280d. 22,299m. 4% 891F. - Inc. should make 25,000m. &
1,000F.

Next Dam - G.P. Ivanhoe Star - Avg. 4.4t. lifetime over 100,000m. 2nd
Bull Dam 86 pts. - Top record over 23,000m. 3.7t. 900F. Last yr.
22,000m.

Reg. Red & White Holstein - Brattleboro Assoc. Born 10-8-82 Sire-
Lovedale Magnet Chief-Ex Falcon. +1350m. +21F. P.D.T. +.68.

DAM - Paundale Molly Jiggers

2 yr. 2 m. 313d. 18,512m. 4.15. 758F.

3 yr. 2 m. Just fresh milking 95 lbs.

Sire of Dam- Vincent View Molly Chief. Gr. Dam- Day Daugh. G.P. 81.
Big strong bull ready for service.

I think it will be worth your while to spend a few hours in Smoketown,
Friday, Dec. 30 at 12:30 p.m., if you need good replacements and
foundation cow.

In Appreciation For Your Support
This Year, A Gift For Every Buyer.

Wishing You and Your Families
A Very Merry Christmas
And A Prosperous New Year.

Cows Milked at Regular Time.
Cash or Good Check day of Sale.

Sale Managed by

SMOKETOWN QUALITY DAIRY SALES CO., INC.
GORDON & HELEN FRITZ

717-393-0930

Carl Diller/Paul Snyder - Auctioneers
Henry Kettering - Pedigrees

Lunch by Sublette

PUBLIC SALE

SATURDAY, JAN. 7, 1984

AT 10:30 A.M.

DAIRY HERD, PIPELINE MILKER, FARM ITEMS, LUMBER, POULTRY EQUIPMENT, SOME HOUSEHOLD. ETC.

Located in York County, PA, 2 miles East
of Hanover on Route #116, then, before
crossing Railroad track, turn South at
Trico Food and go 1 2/10 mile to first
farm on left. (Watch for Sale Signs).

7 REGISTERED AND 12 GRADE HOLSTEINS CERTIFIED-ACCREDITED- 30 DAY HEALTH TESTS

17 Cows in milk, 8 Fresh or close springers
including 2 Registered first calf heifers with
the balance being scattered. Herd is mostly
sired by Herdsman Charolis. Cows and Heifers
with good size and type.

DAIRY EQUIPMENT

17 Cow Delaval glass lined 2 unit milking
system with milker pump and motor; Delaval
300 gal. SS bulk tank, remote control; Twin SS
wash vat; 80 Gal. water heater; Stewart
clipper; Fly fogger; 8 milk cans, 50 & 85 lbs.;
Surge SP11 milker and 2 milking units; 17
Stable Mats for cows.

FARM ITEMS, LUMBER, ETC.

Century 300 gal. fibre glass, 12 row, trail
sprayer, like new; McCurdy auxiliary rollaway
drag with motor, same as new; 12" post hole
auger, 3-pt.; 60 tooth peg harrow; Old drag bed
ensilage blower; Tractor mounted wood saw
for JD #530 A or B with blade; Blacksmith
blower; 40 Locust posts, some sawed; 4 Cords
sawed stove wood; Metal chicken nests;
Feeders; 8 Chicken Crates; Wooden barrel;
300' of 6" mahogany boards; Some wall
boards; False end gate and power unit for
wagon; JD hillside hitch; Furrow plow;
Poultry wire; Bag cart; Used 16' tire; Furrow
plow; Qualified white enamel comb. wood and
gas range; 2 Hahn-Eclipse power drive rotary
mowers; Wood 1/2 bushel; Articles too
numerous to mention.

TERMS: Cash or personal checks with ap
proval.

Not responsible for accidents day of sale.

Owner,

PHILIP J. DUTTERER

CLAIR R. SLAYBAUGH, Auctioneer
Idaville, PA

Phone: 717-677-7479

LUNCH STAND AT SALE

PUBLIC SALE

From Interstate 31 South of Martinsburg,
W.Va. Take Exit #5 (Inwood) W.Va.,
Route 51 East Approximately 3 1/2 miles to
Shutt's Cash Grocery (formerly Haines')
Turn right - .2 of a mile to sale - OR -
From Charles Town, W.Va., Take Route
51 West - Go approximately 3 1/2 miles to
Shutt's Cash Grocery Turn left - .2 of a
mile to sale

SATURDAY, DEC. 31, 1983

9:00 A.M.

TRACTORS AND EQUIPMENT

Approximately 20-25 Tractors including Cubs,
Fords, John Deere, Internationals, Fergusens,
and other tractors. We will also be offering a
good selection of plows, cultivators, wagons,
new and used rotary cutters, 6 and 7 ft. blades,
post hole diggers, discs, wood saw, rakes,
balers, round balers, grain elevators, corn
pickers, and other farm related articles.
We will also be offering a good selection of
NEW AND USED TOOLS - Canned goods -
Some household articles.

ALSO: 1962 10x50 Newport Mobile Home
Cuz of Pennsylvania will be here with yard
goods, watches and tapestries.

TERMS: CASH OR GOOD CHECK. NOTHING
TO BE REMOVED UNTIL SETTLED FOR. ID
REQUIRED TO ACQUIRE BIDDING
NUMBER.

NOTE: THIS IS A CONSIGNMENT SALE.
LET US TURN YOUR UNUSED FARM AR
TICLES, HOUSEHOLD ARTICLES AND
ANTIQUES INTO CASH FOR YOU. IF YOU
ARE CONSIDERING HAVING AN AUCTION,
PLEASE CONTACT US. We would be pleased
to serve your needs.

ORDER OF SALE. Small items - tools,
household articles, etc. will be offered promp
tly at 9 a.m. TRACTORS AND EQUIPMENT -
Farm equipment and tractors will be offered
promptly at 1 p.m.

NOT RESPONSIBLE FOR
ACCIDENTS ON PREMISES

SALE MGR.

EDGAR A. BOHRER

W.VA. LIC. #18-84

304-229-3354

Clerks: Bohrer and Bohrer
LUNCH RIGHTS RESERVED

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

PUBLIC SALE OF 40 ACRE FARM

TUESDAY, JANUARY 3, 1984
At 2:00 P.M.

Located at the west end of Longlane Rd. From Blue Ball take Rt. 23E to Rt. 897N, go approx. 2 miles to Longlane Rd., turn left to property. East Earl Township, Lancaster Co., Pa.

2½ story frame house. 1st floor: Mod. Kit.; Din. Rm.; Liv. Rm.; Laundry; ½ bath; Storage Rm. (Kit. & Laundry rm. new within the last few years.) 2nd floor: 5 Bedrms; Full Bath. Attic; Full basement; OHW heat; Tin roof; Grape Arbor; Large old shade trees; Macadam drive.

BARN: Frame bank barn w/hip roof. 1st floor: Steer stable & horse stalls; Equip. storage and large corn crib on west side.

OUTBUILDINGS: Frame corn & equipment shed; Buggy shed & Tobacco shed w/cellar & stripping room with rails; 2 frame brooder houses; 24'x135' 2 story frame chicken house w/frame attached horse stables. All buildings have tin roof.

SILOS: 14'x60' Terre Hill stave silo; 10'x40' poured cement silo.

WATER: Well & cistern; Septic system.

LAND: All tillable except building area; Terrain level to gentle slope.

TERMS: 10% down day of sale; settlement by April 1, 1984. Inspection anytime by appointment. Call HORNING FARM AGENCY, INC. @ 215-286-5183.

Terms by:

IVAN M. MARTIN

Atty: Robert Weaver

HORNING FARM AGENCY, INC.

Alvin Horning, Auctioneer

Main St., Morgantown, Pa. 19543

FRI. APRIL 13 - 7 P.M.
Horse Sale at New Holland Sales Stables, Inc. 12 miles east of Lancaster off Rt. 23 in New Holland, Pa. Abe Diefenbach, Manager

SAT APR 21, 1984 - 18th Colonial Charolais Spring Sale Located at Frederick Fairgrounds, Frederick, MD Colonial Charolais Association Sponsors Garey Cattle Sales, Inc., 100 Walnut Lane, Morrisville, PA, Managers

FRI APR 20 - 6:30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA. Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

FRI APR 27 - 6 PM Public Auction of 250-300 Head Heifers, all sizes,

Springing, Bred and Open Heifers, some registered Located at the Belleville Livestock Market

FRI APR 27 - 1:30 PM Dairy & Heifer Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

SAT APR 28 - 10 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA. Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT APR 28 - 7:00 PM Club Lamb & Shoats Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

MAY

FRI MAY 4 - 7 P.M. Horse Sale at New Holland Sales Stables, Inc. 12 miles east of Lancaster off Rt. 23 in New Holland, Pa. Abe Diefenbach, Manager

FRI MAY 4 - 7:00 PM

Feeder Cattle & Pig Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

FRI MAY 18 - 6:30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA. Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers.

FRI MAY 25 - 7:00 PM Dairy Sale. Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

SAT MAY 26 - 10 AM Grade Heifer Sale at New Holland Sales Stables, Inc. 12 miles east of Lancaster off Rt. 23 in New Holland, Pa. Abe Diefenbach, Manager

SAT MAY 26 - 11 AM Public Auction of Horses. Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA. Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

JUNE

FRI JUNE 15 - 6:30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA. Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

FRI JUNE 22 - 7:00 PM Dairy Sale. Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers.

Lancaster Farming, Saturday, December 24, 1983—D39

AUG

FRI AUG 24 - 7:00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

SEPT.

FRI SEPT 7 - 7:00 PM Holstein Promotional Sale at New Holland Sales Stables, Inc. 12 miles East of Lancaster off Rt. 23 in New Holland, Pa. Abe Diefenbach, Manager

OCT.

SAT OCT 13 - 10:00 AM Annual Fall Heifer Sale at New Holland Sales Stable, Inc. 12 miles East of Lancaster off Rt. 23 in New Holland, Pa. Abe Diefenbach, Manager

WED OCT 31 - 12 Noon Annual Dairy Show and Sale at New Holland Sales Stables, Inc. 12 miles East of Lancaster off Rt. 23 in New Holland, Pa. Abe Diefenbach, Manager

NOVEMBER

FRI Nov 9 - 9:00 AM Public Sale of Farm Equipment at New Holland Sales Stable, Inc. Located 12 miles East of Lancaster off Rt. 23 in New Holland, Pa. Abe Diefenbach, Manager

FARMERSVILLE AUCTION

TUESDAY, DECEMBER 27, 1983

5:30 P.M.

In Farmersville, 3 mi. east of
Brownstown, Lancaster Co., Pa.

LARGE GROCERY SALE

SE SELL ON COMMISSION

Call **JOHN J. RUTT**
354-5095

Consignments being accepted for our
Annual New Years Antique Sale (Jan. 2)

**DEALER IN ALL KINDS
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PUBLIC AUCTION MODERN FARM EQUIPMENT

**CORN CRIBS; TRUCK
TUES. DEC. 27, 1983**

at 11:30 A.M.

(Between Allentown & Quakertown) Turn west off Rt. 309 in the Boro of Coopersburg across from the Driftwood Diner, go 2 blocks to dead end turn south on Main St., approx. 2 mile to Blue Church Rd., turn west to farm, Bucks Co. AC 190 xt diesel tractor; MF super 90 diesel tractor; Oliver #565 four bot-16" pl; JD 3 pt. 14" trip pl; three sec. harrow; Oliver #242-12' transport disc; 9' dbl. roll cultipacker; JD 494 AN 6-30 corn planter; 3 pt. two row cultivator; 3 pt. 100 gal. plastic tank sprayer w/boom; NI 10' lime spreader; Hawkbilt side spreader; NI #327 two r narrow corn picker; NI model 311 2 row wide corn picker. JD #640 rake; 2-gravity wagons; NH 469 haybine; NH 68 haybine baler w/mod. 50 thrower; NI hay crimper; Van Brunt grain drill; E-Z trail 21' metal bale wagon used 2 yrs; 2-bale wagons w/wood sides; Zimmerman 36' bale elevator; Cardinal 22' bale elev; Allied pto grinder mixer; 22-Stoltzfus wooden veal pens; 2-Martin 10 hole hog feeders; 55'x2½" spring screw feed auger w/inlet funnel, motor etc; 4-24" barn fans; 4-round wire 1400 bu. cap corn cribs (like new); TRUCKS: 1954 Dodge 5 ton dump truck; 1969 International 1900 Loadstar grain truck w/2 sp. rear, 16' dump bed, 52" grain sides & hog gates.

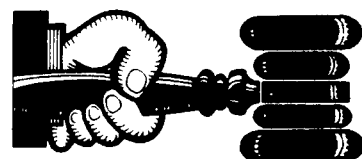
Terms -
Cash or check

For

**TRIPLE S FARM,
JAMES R. STOVER**

Conducted by
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Season's Greetings

from everyone in the Kolb organization.
We would like to thank all of you for your
friendship & patronage in 1983. May you &
your families be blessed with a healthy &
happy New Year.

Mel & Dennis Kolb

**LANCASTER FARM
MONTHLY COW SALE**
1ST THURSDAY
JANUARY 5, 1984
AT 11:00 A.M.
717-569-6800
717-569-2106

**MARYLAND FARM
MONTHLY COW SALE**
3RD THURSDAY,
JANUARY 19, 1984
AT 11:00 A.M.
301-898-7720
301-898-7663

PRIVATE SALES DAILY



For us Men

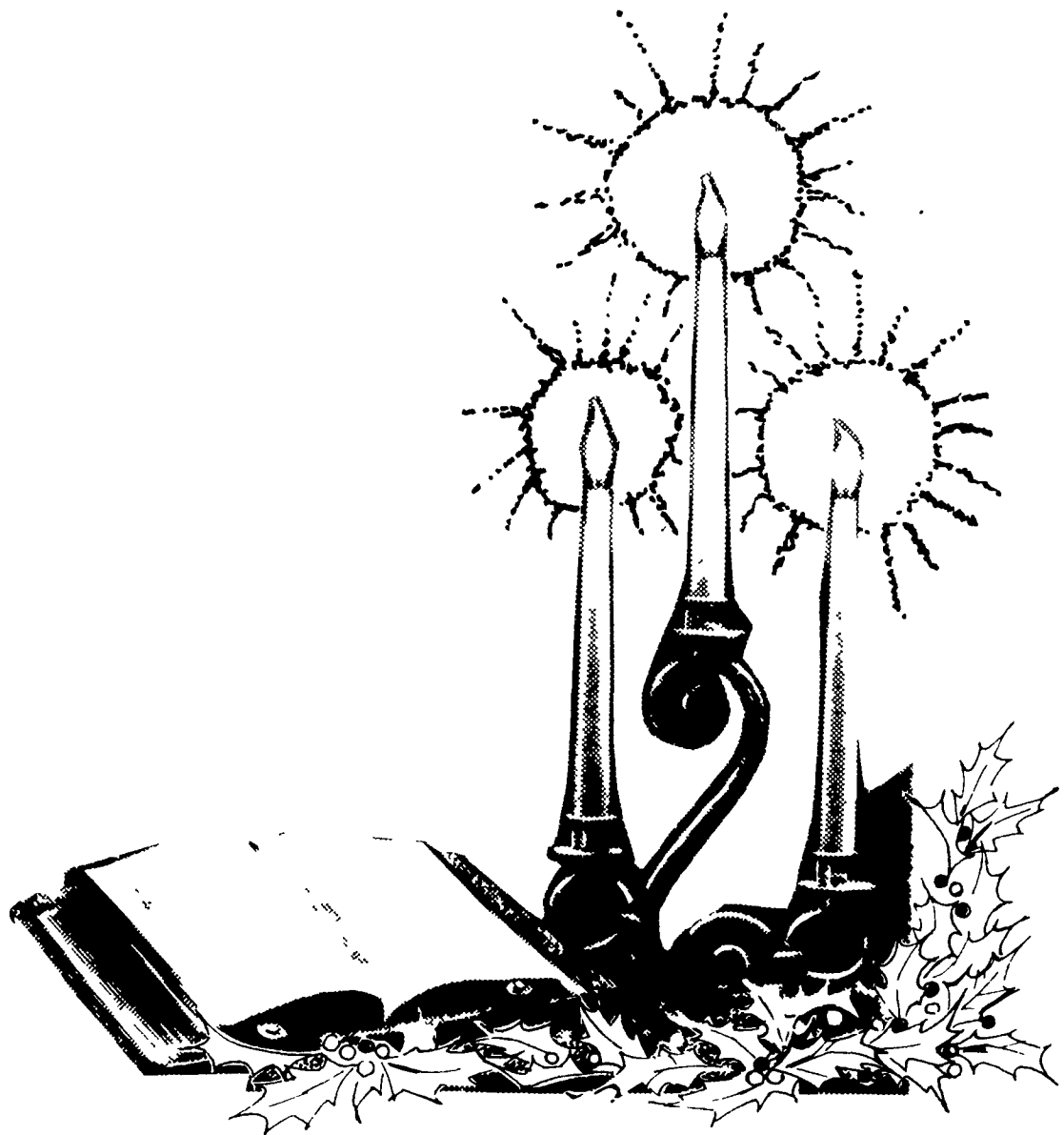
And For Our Salvation

He Came Down From Heaven

By The Power of the Holy Spirit

He was Born of the Virgin Mary

And He Became Man

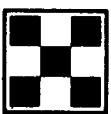


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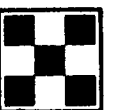
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